

GROUNDWATER LEVEL SURVEY

SPONSORED BY

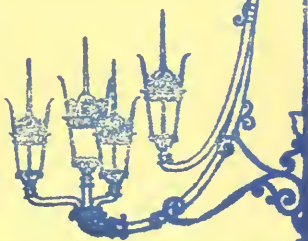
CITY OF BOSTON - BUILDING DEPT.



WARDS 1-2-3

VOL. 1

BOSTON
PUBLIC
LIBRARY



BOSTON
PUBLIC
LIBRARY





FINAL REPORT
OF THE
GROUND WATER LEVEL SURVEY
OF CERTAIN AREAS OF THE
CITY OF BOSTON

Survey conducted by the Works Progress Administration Program, under the official project number W.P. 5325 and the supplemental official project number W.P. 18868. This final report prepared under the latter. Both projects officially sponsored by the Building Department of the City of Boston, Massachusetts.

OPEN LETTER

W.P.A. Project #18868
O.P. #665-14-3-923
Title: Field and Office Surveys,
including Observations,
Tabulations and Mapping
of Ground Water Stations-Boston

Location:
Relief Station
Haymarket Square
Boston, Mass.

January 2, 1941

To: James H. Mooney
Building Commissioner
901 City Hall Annex
Boston, Massachusetts

Subject: Final Report of the Ground Water Level Survey,
W.P.A. Projects #5325 and #18868

1. We respectfully submit for publication and your information the attached manuscript, data, blue print tables, etc., indicating the explanation of obtaining, recording and compiling certain data in regards to the surface water conditions in certain areas of the City of Boston, Massachusetts.
2. The attached data, information, compilation and reports, herewith submitted, constitute the final report of the survey conducted by the officially approved Works Progress Administration Projects #5325 and #18868 (Supplemental Project). These projects were officially approved and sponsored by the Building Department of the City of Boston, Massachusetts.
3. We herewith respectfully transfer, from our custody to that of the Building Department of the City of Boston, all index card records, papers, original profile drawings, sketches, tracings, etc.; all as prepared, accumulated or gathered in the performance of the work of this survey.
4. All surplus property, if any, supplied the Survey Projects owned by the Federal Government has been properly returned to the local warehouse, 22 Farnsworth Street and duly receipted.

5. All surplus property, if any, supplied the Survey Projects owned by the City of Boston, has been properly returned to the custodian and duly receipted.
6. We refer you to the Index Page immediately following this letter, which indicates the topics and composition of the attached data.
7. We trust the report meets your approval.

PART I

BOOK I

Preface, Open Letter

Page

1	History of Ground Water Level Survey
2	" " " " " "
3	Recapitulation (All wells in City)
4	Wells not functioning
5	" " " (Totals)
6	" " " (Locations of Dry Wells)
7	" " " " " "
8	" " " " " "
9	" " " (Locations of Plugged Wells)
10	" " " " " "
11	" " " " " "
12	" " " (Locations of Wells Unable to Open)
13	Abandoned Wells
14	" " (Locations by Wards)
15	" " (St. Locations & Cause for Abandonment)
16	" " " " " " " "
17	" " " " " " " "
18	" " " " " " " "
19	" " " " " " " "
20	" " " " " " " "
21	" " " " " " " "
22	" " " " " " " "
23	" " " " " " " "
24	" " " " " " " "
25	" " " " " " " "
26	" " " " " " " "
27	Special Studies
28	" " Effect of Tides in Vicinity of Atlantic Avenue
29	" " Effect of Tides (Well Locations)
30	" " " " " "
31	" " First Church of Christ Scientist in Vicinity of Huntington Ave. Subway
32	" " " " (Well Locations)
33	" " Vicinity of the Hotel Lenox
34	" " " " " (Well Locations)
35	" " Vicinity of N.E. Mutual Life Ins. Bldg.
36	" " " " " (Well Locations)
37	Interesting Facts and Statistics
38	" " " " " "
39	Missing or Broken Covers Replaced, etc.
40	" " " " " "

SCHEME AND SYNOPSIS OF FINAL REPORTS

PART I

BOOK I (Cont.)

Individual Reports on Water Level Stations
Wards 1 - 2 - 3

BOOK II

Individual Reports on Water Level Stations
Wards 4 - 5 (Ward 5 up to and including Well #101)

BOOK III

Individual Reports on Water Level Stations
Wards 5 (Continued) 6 - 7 (Ward 5 starts with
Well #102)

BOOK IV

Individual Reports on Water Level Stations
Wards 8 - 9 - 13 - 15 - 16 - 21 - 22

PART II

Binder 1 - Boston Development Maps - 1814 - 1836 - 1851
1861 - 1871
2 - (Old) Master Maps Locations of wells on plans
3 - (New) " " " " " " "
4 - Individual ward maps Ward lines as of 1940
5 - Profile graphs

Small Cards - Locations of wells alphabetically by sheets
(cross-indexed)

Large Cards - Water level stations in numerical sequence.

Sponsor - Building Department
901 City Hall Annex
Boston, Mass.

Location - City Wide

Home Office - Haymarket Square Relief Station

Starting Date - Project #5325 - December 30, 1936
Project #18868 - February 5, 1940

Finishing Date - Project #5325 - April 22, 1939
Project #18868 - February 1941

Project Name - Ground Water Level Survey

Foreword - Roughly two-thirds of Boston is made land necessitating the driving of piles for any buildings constructed. To preserve these piles they must be constantly covered with water. The ground water level is always changing and the figures compiled from this study will be of inestimable value to the various City Departments. Many wells had to be abandoned where a clay or rock strata was found, as a true reading could not be recorded.

Purpose and Description - To make periodic observations of 966 wells; to check the variation of water levels in each; to compile records and draft profiles of ground water levels at these established stations in the City of Boston, Suffolk County. Work consisted of observations, tabulations and maps for each well; spot and detail maps of each; water profiles and general reports; field and office surveys and incidental mapping. There is no normal budgetary appropriation for this work and no regularly employed personnel will be displaced.

Under Project #5325 there were 1296 water level station locations determined, wells driven and spotted on maps. Each location was given to a foreman of an outside crew, only after certain studies had been made of such locations, to be certain there was no interference with the Edison Electric Illuminating Co., New England Tel. & Tel. Co., Telegraph and Cable Co's., Boston Consolidated Gas Co., Boston Water Dept., Boston Sewer Dept., and other public services and utilities.

The rodmen were able to read approximately 20 wells a day. On Project #5325 - 65,241 readings were made. On Project #18868 - 30,000 approximate readings were made. Many readings were taken of the same wells by the same and different men. This procedure acted as a check on the preceding man and his findings. These readings were sent to the office by mail daily in the form of reports.

These reports were then transferred to index cards. From the index cards, profiles were plotted. Any wells that became covered with concrete or for other reasons were not functioning, were abandoned and this information incorporated on the spot maps. From the data on each of these cards, typewritten reports were drawn up containing an inked sketch showing the location of the wells and other information. For example: lowest and highest readings, when taken, and grade at the top of well. These figures were used in preparing the final reports. The final reports consist of several sheets which have been transferred to tracing cloth and later blue printed. The information on these prints agrees with that on the typewritten reports.

Each rodman, in addition to taking readings, inspected, examined, located, observed conditions, and reported same as to broken or missing boxes, covers, screws, etc. In some cases new screws and covers were installed.

A special study of water level conditions was made in the vicinity of the Christian Science property due to the building of the Huntington Avenue subway. In the vicinity of the Hotel Lenox a special study was also made. Again a special study was made in the vicinity of the N. E. Mutual building. On Atlantic Avenue and Commercial Street, on the Boston waterfront, a special study was made with regards to the effect of the tides on the wells.

During the period that both projects were in operation we were visited for special information by engineers and construction companies and other interested parties, as to the effects of tunnels, tides, etc. For example: the Turner Construction Co. was interested in the well readings in the vicinity of the Boston Opera House at Massachusetts and Huntington Avenues. Mr. Radmus of the Harvard Engineering School visited us and made prints of profiles of water levels taken during the construction of the Liberty Mutual Building.

Supervisor on Project #5325

John Craig

Supervisors on Project #18868

Edward McCrann	February 5, 1940
William Ellis	August 12, 1940
Louis Brackman	October 15, 1940

RECAPITULATION

GROUND WATER LEVEL SURVEY

No.	B U I L D I N G D E P T. W E L L S				S E W E R D E P T. W E L L S				Grand Total Wells
	Function- ing	Not Func- tioning	Abandoned	Total	Function- ing	Not Func- tioning	Abandoned	Total	
1	21	10	22	53	--	--	--	--	53
2	18	2	9	29	--	--	1	--	29
3	126	7	53	186	15	2	18	18	204
4	110	9	24	143	44	3	2	49	192
5	138	8	10	156	--	4	3	49	205
6	60	6	36	102	--	--	--	--	102
7	57	9	44	110	--	--	--	--	110
8	67	10	32	109	6	4	1	11	120
9	60	3	42	105	8	1	--	9	114
10	7	4	17	29	--	--	--	--	29
11	20	--	2	9	--	--	--	--	9
12	28	6	12	38	--	--	--	--	38
13	35	4	4	36	1	--	--	1	37
14		3	16	54	--	--	--	--	54
755		81	323	1159	116	14	7	137	1296

(4)

GROUND WATER LEVEL SURVEY

WELLS NOT FUNCTIONING AT THE PRESENT TIME

GROUND WATER LEVEL WELLS
NOT FUNCTIONING AT PRESENT TIME

WARD	DRY		PLUGGED		UNABLE TO OPEN		TOTAL	
	B.D.	S.D.	B.D.	S.D.	B.D.	S.D.	B.D.	S.D.
1	3	--	6	--	1	--	10	--
2	1	--	1	2	3	--	2	--
3	3	--	1	--	--	--	7	2
4	5	3	4	1	--	--	9	3
5	5	--	1	--	2	--	8	4
6	5	--	2	--	1	--	6	--
7	5	1	5	3	2	--	9	--
8	2	--	3	1	--	--	10	4
9	--	--	3	--	--	--	3	1
13	--	--	2	--	--	--	4	--
15	--	--	--	--	--	--	--	--
16	3	--	3	--	--	--	6	--
21	4	--	--	--	--	--	4	--
22	--	--	3	--	--	--	3	--
TOTALS	36	7	36	7	9	--	81	14

D R Y W E L L S

NO.	LOCATION
<u>Ward 1</u>	
12 26 39	N.W. side of Lamson Street 23' S.W. of Maverick Street S side of Porter Street 28' W of Cottage Street S side of Grass Plot on East Extension of Neptune Road
<u>Ward 2</u>	
23	S.W. side of Carter Street 12' N.W. of Roland Street
<u>Ward 3</u>	
8 12 156	S side of Allen Street 11' E of door to W.G.H. S side of Lowell Street 38' E of Brighton Street S side of Stuart Street 95' E of Tremont Street
<u>Ward 4</u>	
1 3 6 117 145 S-50 S-135 S-204	W side of Autumn Street 8' N of Deaconess Road E side of Riverway, Grass plot opp. end wire fence, S side of #164 Riverway N side of Short Street 22'-6" W of Brookline Avenue N side of Stanhope Street 4'-6" W of Entrance to #21 N.E. corner Tavern Road and Ruggles Street S side of Boylston Street 50' E of Hereford Street In street, W. Rutland Square opp. #37, front of Grass plot E side of Dalton Street opp. Scotia Street
<u>Ward 5</u>	
28 44	S side of Marlborough Street 23' W of Berkeley Street W side of Boylston Street 35' S of Ipswich Street

(cont. next page)

D R Y W E L L S

NO.

LOCATION

Ward 5 (Cont.)

65 N side of Boylston Street 26' W of Clarendon Street
103 N side of Appleton Street in front of #59
149 E side of Carver Street 37' N of Stuart Street
S-25 S side of Commonwealth Avenue 30' W of Hereford Street
S-49 E side of Hereford Street 5' N of Boylston Street
S-62 E side of Clarendon Street 30' N of Boylston Street

Ward 6

38 W side of Farragut Road 18' N of E. Second Street
45 N side of E. Sixth Street 8' E of O Street
112 E side of O Street 118' N of E. Third Street

Ward 7

25 S side of Harvest Street 19' W of Dorchester Avenue
82 E side of K Street 29' N of Columbia Road

Ward 8

2 S side of Palmer Street 31' E of Warren Street
29 S side of Kemble Street 155' E of Gerard Street
71 S side of Burrell Street 25' E of Batchelder Street
82 S side of Norfolk Avenue 170' E of Shirley Street
100 W side of Reed Street 41' S of E. Lenox Street
S-162 E side of E. Concord Street 12' N of Albany Street

(Cont. next page)

NO.	LOCATION
11 30	<u>Ward 15</u> S side of Harborview Street 47' W of Sydney Street E side of Denny Street opp. Springdale Street 39' S of Bayside Bungalow
9 24 37	<u>Ward 16</u> W side of Mill Street 12' N of Victory Road W side of Maple Street 10' from #47 S side of Freeport Street 28' N of Park Street
4 7 23 27	<u>Ward 21</u> E side of University Road 101' N of Commonwealth Avenue S side of Mountford Street 47' E of St. Mary's Street W side of Gaffney Street opp. Alley rear Commonwealth Armory N.E. corner of Hinsdale and Cunningham Streets

P L U G G E D W E L L S

NO.

LOCATION

Ward 1

17 W side of Bremen Street 30' S of Gove Street
19 S side of Gove Street in front of Donald McKay School
20 W side of Geneva Street 8' S of Gove Street
35 On P.C. of Island at Neptune Road and Frankfort Street
36 Cottage Street and Neptune Road on Grass plot on P.C.
48 W side of Westbrook Street 10' N of Saratoga Street

Ward 2

5 E side of Jenner Street 13' N of Front Street

Ward 3

118 W side of Shawmut Avenue 22' S of Union Park Street
S-158 N side of Laconia Street 16' W of Harrison Avenue
S-191 E side of Shawmut Avenue corner of Cobb Street

Ward 4

49 W side of Blackwood Street 42' N of N.H.R.R.
64 N corner around areaway rear of John Hancock Auditorium
78 N side of Scotia Street 66' E of St. Cecilia Street
143 S.E. corner of Pembroke Street and Warren Avenue

Ward 5

77 S side of Chandler Street opp. Bldg. Line of Gresham Hotel
S-187 S side of Welrose Street 5' E of Arlington Street

P L U G G E D W E L L S

NO.	LOCATION
4	<u>Ward 6</u>
69	N side of W. Second Street 25' E of D Street N.E. side of Cypher Street 8' N.W. of Bullock Street
11	<u>Ward 7</u>
21	S side of Willow Court 20' E of Property Line of #68
30	W side of Ellery Street opp. a point 4' N of Dexter Street
42	N side of Leeds Street 21' E of Dorchester Avenue
51	W side of Old Colony Avenue in front of #421 Kemp Street N side of Preble Street 34' W of Ward Street
7	<u>Ward 8</u>
12	N side of Chadwick Street 9' E of Ambrose Street
58	W side of Harrison Avenue 44' N of Thorndike Street
94	W side of Plympton Street 86' S of Harrison Avenue
102	N side of James Street 104' W of E. Brookline Street
S-151	W side of Pierson Street 60' S of Power House
S-159	W side of E. Brookline Street 160' S of Washington Street
S-163	N side of Fellows Street 4' E of Hunneman Street W side of E. Brookline Street 9' N of Albany Street
2	<u>Ward 9</u>
6	E side of Texas Street 6' S of Tremont Street Building Line
70	S side of Elmwood Street 28' W of Dunlow Street
S-127	W side of Auburn Street 5' S of Ruggles Street E side of Northampton Street in front of #57

(Cont. next page)

P L U G G E D W E L L S

NO.	LOCATION
24 27	<u>Ward 13</u> W side of Savin Hill Court 212' N of Savin Hill Avenue W side of Davitt Street 15' N of Entrance to #14
4 21 25	<u>Ward 16</u> N side of Parkman Street 6' W of Brooks Street W side of Old Colony Parkway 257' S of Tolman Street W side of Mapes Street in front of #73
10 33 42	<u>Ward 22</u> 5' E of stone wall at a point 600' N of Western Avenue 5' W of stone wall at a point 590' N of Western Avenue in Smith Playground E side of Speedway Avenue 24' N of pole in McDonald Avenue

UNABLE TO OPEN

NO.	LOCATION
3	S side of Marginal Street 22' E of Lewis Street <u>Ward 1</u>
120 192 199	E side of Barrett Street 16' N of Fulton Street S.E. corner of Tremont and Upton Streets W side of Dover Street in front of #55 <u>Ward 3</u>
101 163	N side of Van Ness Street 250' W of Ipswich Street Public Alley #421, rear of 21-23 Warborough Street <u>Ward 5</u>
63	E side of Stillings Street on P.C. opp. #49 <u>Ward 6</u>
39 43	W side of Richardson Avenue 5' S of Edison Lamp N of Abutment W side of Old Colony Avenue 12' N of Old Harbor Village Driveway <u>Ward 7</u>

ABANDONED WELLS

GROUND WATER LEVEL SURVEY

ABANDONED WELLS

BY WARDS (See Pages #15 to #26 inclusive)

<u>WARD</u>	<u>BIDG. DEPT.</u>	<u>SEWER DEPT.</u>	<u>TOTALS</u>
1	22	0	22
2	9	0	9
3	53	1	54
4	24	2	26
5	10	3	13
6	36	0	36
7	44	0	44
8	32	1	33
9	42	0	42
13	17	0	17
15	2	0	2
16	12	0	12
21	4	0	4
22	16	0	16
<u>323</u>			<u>330</u>
			Grand Total

ABANDONED WELLSWard 2 (Continued)

<u>NO.</u>	<u>LOCATION</u>	<u>CAUSE</u>
30	N.E.S. Medford St. 35' N.W.-Chelsea St.	Hard soil
31	N.S. Medford St. 10' W-Driveway to E.S. Morse Coal Co.	Hard soil, nat. ground
32	S.S. Princeton St. 8' E-Sprague St.	Housing Proj. 3/5/40

Total - 9 All Bldg. Dept.

Ward 3

1	Cambridge St. and Cambridge Ave.	Granite blocks
11	S.S. Brighton St. 32'-4" E-Leverett St.	Clay at 10'
16	E.S. Canal St. 48' S-Causeway St.	Struck stones at 8'
21	S.S. Commercial St. 13' W-Charter St.	Affected by tide
22	S.S. Commercial St. 25' W-Jackson St.	Affected by tide
23	W.S. Henchman St. 24' S-Commercial St.	Affected by tide
25	N.S. Old South Pier 13' E-Hanover St.	Out in road
26	E.S. North St. 62' S-Commercial St. Wharf	Clay
28	Commercial St. and Atlantic Ave.	Hard dry clay
29	S.S. Commercial St. 26' W-Richmond St.	Struck obstruction
30	Clinton and Commercial Sts.	Confested traffic
31	W.S. Atlantic Ave. 33' N-Commercial Wharf Sq.	Affected by tide
32	N.S. Clinton St. 28' N-Atlantic Ave.	Blue plastic clay
33	N.S. Clinton St. 60' E-Concord St.	Too congested
39	North and Ferry Sts.	Affected by tide
40	N.S. Fulton St. 22' W-Ferry St.	Affected by tide
41	E.S. North St. 20' N-Quincy Court	Affected by tide
42	S.S. Lewis St. 20' E-Fulton St.	Affected by tide
43	W.S. North St. 26' S-Fleet St.	Too near 3-28
45	Garden Court, North Sq. and Prince St.	Hard pan at 9'
47	Salem and Cross Sts.	E. Boston Tunnel
52	N.S. Traverse St. 15' E-Haverhill St.	High ground
58	N.S. India St. 20' W-Atlantic Ave.	Silty sand
59	W.S. Atlantic Ave. 34' N-Broad St. P.C.	Hard clay

ABANDONED WELLS

Ward 3 (Continued)

<u>NO.</u>	<u>LOCATION</u>	<u>CAUSE</u>
71	W.S. Summer St. 22' N-Atlantic Ave.	Wood obstruction
73	W.S. Battery March St. 18' N-Franklin St.	Hard clay
76	Post Office Sq., junc. Milk and Pearl Sts.	Concrete
77	W.S. Congress St. 25' N-Water St.	Bad location
89	N.S. Essex St. 50' W-Kingston St.	Concrete obstruction
90	S.S. Beach St. 32' W-Harrison Ave.	Cemented
92	S.S. LaGrange St. 30' E-Washington St.	Concrete
93	N.S. Harvard St. 30' E-Washington St.	Struck E.E.I. conduit
94	W.S. Tyler St. 23' N-Harvard St.	Mud
96	S.S. Oak St. 37' E-Harrison Ave.	Mud and clay
97	N.S. Common St. 32' W-Washington St.	Solid clay
98	S.S. Washington St. W-Broadway	Earth fill to solid clay
100	N.S. Castle St. 10' W-Shawmut Ave.	High land
101	W.S. Washington St. 22' N-Asylum St.	Blue plastic clay at 15'
102	N.S. Lovering St. 24' W-Harrison Ave.	Clay
104	S.S. Dover St. 58' E-Washington St.	Obstruction
106	W.S. Albany St. 5' N-P.C. N-Genesee St.	Blue clay
107	W.S. Albany St. 30' N-Dover St.	Masonry obstruction at 7'
109	Front of 465 Harrison Ave. opp. Randolph St.	Struck ledge
110	W.S. Albany St. 16' N-Randolph St.	Clay
113	E.S. Washington St. 20' N-Savoy St.	Hard clay
121	E.S. North St. 45' S-Catch Basin on corner -Blackstone St.	New building erected
124	W.S. Commercial St. 30' N-Richmond St.	Mud
132	E.S. North St. 60' S-Commercial St.	Hard clay
133	S.S. Commercial St. 5' W-Driveway W-Hanover St.	Hard clay
140	S.S. Cross St. 40' W-Salem St.	High ground
146	E.S. Congress St. 17' S-Franklin St.	Vaults
159	S.W. corner Tyler and Oak Sts.	Hard clay
160	N.S. Oak St. 10' W-Harrison Ave.	Hard clay
S-165	E.S. Union Park St. 75' N-Albany St.	Concrete

Total - 54 Bldg. Dept. - 53 Sewer Dept. - 1

ABANDONED WELLS

Ward 4

<u>NO.</u>	<u>LOCATION</u>	<u>CAUSE</u>
2	W.S. Plymouth St. 8' S-Riverway	Clay
4	N.S. Francis St. 19' E-Brookline Ave.	Clay
5	S.S. Longwood Ave. 35' E-Brookline Ave.	Clay
8	E.S. Villa St. 23' N-Longwood Ave.	Clay
9	E.S. Villa St. 10' N-Shattuck St.	Clay
10	W.S. Wigglesworth St. 10' S-Longwood Ave.	No water
13	S.S. Wigglesworth St. W-Huntington Ave.	Clay
14	E.S. Worthington St. 18' N-Longwood Ave.	Clay
15	W.S. Worthington St. 13' S-Tetlow St.	Clay
17	W.S. Huntington Ave. 23' N-Evans Way	Clay
22	E.S. Fenway St. nr. corner Boylston St.	Clay
23	E.S. Phillips St. 18'-5" S-Ward St.	Housing Project
25	N.S. Ward St. 19' W-Parker St.	Clay
36	E.S. Forsyth St. 62' S-Huntington Ave.	New sidewalk
44	E.S. Gainsborough St. 28' N-Huntington Ave.	Subway
52	E.S. Trinity Pl. 16' N-Stanhope St.	Sand and gravel
68	S.S. Stuart St. 195' W-Berkeley St.	Oil in pipe
76	N.S. Huntington Ave., front-Christian Science Ground, 311' E-Mass.Ave.	Subway 11/3/38
81	W.S. of Massachusetts Ave. 20' N-Huntington Ave.	Subway 11/7/38
83	W.S. Gainsborough St. 5' S-Femenway St.	Too near 4-29
108	S.S. Huntington Ave. 200' W-Massachusetts Ave.	Subway 11/14/38
112	E.S. Massachusetts Ave. 17' N-Falmouth St.	Subway
134	S.S. Warren Ave. 6' E of Street Line of Dartmouth St.	Cement
137	S.E.S. Falmouth St. on corner private way (adj. Horticultural Hall)	Clay
S-126	N.S. St. Botolph St. 2' N-Alley 820	Concrete
S-203	N.S. Huntington Ave., front-restaurant next to Boston Opera House	New sidewalk

Total - 26 Bldg. Dept. - 24 Sewer Dept. - 2



ABANDONED WELLS

Ward 5

<u>NO.</u>	<u>LOCATION</u>
4	W.S. Anderson St. 23' S-Cambridge St.
5	S.S. Revere St. 28' W-Charles St.
12	E.S. Charlesgate East 22'-10" N-Beacon St.
20	S.S. Commonwealth Ave. 32' E-Charlesgate East
41	E.S. Charles St. 20' N-Edison Manhole corner Boylston St.
52	N.S. Piedmont St. 115' E-Church St.
63	E.S. Fairfield St. 23' N-Boylston St.
76	E.S. Newbury St. 6' E-Prop. Line Rogers Bldg., M.I.T.
119	E.S. Dartmouth St. 24' S-Beacon St.
142	S.S. P.A. 442 bet. Gloucester and Fairfield Sts. rr. Howe & Co.
S-14	N.S. Embankment Rd. 92' W-W. Berkeley St.
S-51	S.S. Boylston St. 70' E-Hereford St.
S-102	S.S. St. James Ave. opp. 45 St. James Ave.

Total - 13 Bldg. Dept. - 10 Sewer Dept. - 3

Ward 6

1	Junction W. Second and W. Third and Grant St.
2	Corner B and W. Second Sts.
3	N.S. W. Second St. 9' E-C St.
22	S.S. E. First St. 19' E-W. First St.
30	S.S. E. First St. 20' E-M St.
31	S.S. E. First St. 450' W-Arcadia St.
33	N.S. E. Second St. 20' E-O St.
35	N.S. E. Second St. 20' E-P St.
39	W.S. Farragut Rd. 18' N-E. Third St.
40	W.S. Farragut Rd. 1' N-E. Broadway
41	Corner E. Fourth St. and Farragut Rd. on P.C.
42	E.S. Farragut Rd. 18' N gas lamp opp. E. Fifth St.
43	E.S. Farragut Rd. 10' S gas lamp opp. E. Sixth St.
46	E.S. Dorchester Ave. opp. 59 Dorchester Ave.
48	E.S. Granite St. 16' N-Am. S. R. Co.

CAUSE

Solid clay
Solid clay
Only pipe left
Concrete obstruction
Clay
Clay
Did not drive
New bldg.
New sidewalk
New sidewalk
Pipe corroded
Out of order
New sidewalk

Hard glacial gravel
Impossible to drill
Hard clay
Covered with cement
Clay
High ground
No water
Hard stratum below surface
Too near 6-38
Sand, gravel & boulders
Hard sand and gravel
Obstruction
Covered with cement
New sidewalk
No water

1887

1887

1887

1887

ABANDONED WELLS

Ward 6 (Continued)

NO.	LOCATION	CAUSE
50	W.S. Necco St. 120' N-Binford St.	Tidal influence
51	W.S. Necco St. 23' N-Necco Ct.	Hard driving
64	E.S. Midway St. 15' N curb in front Metal Shed	Private Way
66	W.S. Binford St. front-33 nr. R.R. Track Shop	Private Property
70	E.S. D St. 15' N-Cypher St.	Hard fill at 3'
73	W.S. C St. opp. 40 C St.	Mud, no water
74	E.S. C St. 20' S-Fargo St.	Clay
75	E.S. C St. 15' N-Prop. Line nr. Summer St. Bridge front-Warehouse	Mud at 9'
76	E.S. B St. 5' N-N.S.-curb N-Fargo St.	Mud and clay
76A	N.S. Bullock St. 450' W-Clafin St. opp. State Storage	Mud at 7'-6"
77	E.S. B St. 40' S-Catch Basin opp. 365	Mud & clay at 7'-6"
77A	Corner of Clafin & Bullock Sts. on P.C.	Mud at 7'-6"
78	W.S. Bullock St. 147' N-fire hydrant approx. 175' S.W.-Fargo St.	Silt
80	N.S. D St. 65' E-Catch Basin	Clay at 12'-6"
81	W.S. D St. 26' N-Clafin St.	Clay at 12'-6"
91	Fargo and Summer Sts.	Blue Plastic clay
110	W.S. Farragut Rd. 75' N-East Fifth St.	Natural ground
111	N.S. E. Fourth St. 31' E-P St.	Natural ground
113	N.S. W. Third St. 25' E-A St.	Natural ground
115	N.S. W. Second St. 100' E-B St.	Natural ground
116	W.S. Farragut Rd. 125' S-E. Third St.	Natural ground
	Total - 36 All Bldg. Dept.	
	<u>Ward 7</u>	
1	S.S. Holden St. 8' E-Columbia Rd.	Hard fill, very dry
2	S.S. Norfolk St. W-R.R. Track	Muck and clay
8	W.S. Mass. Ave. 21' N-Catch Basin opp. Clapp St.	Dark sand, little clay
10	N.S. Clapp St. opp. 53	Clay
13	E.S. Boston St. 10' N-Mayhew St.	Very hard fill
14	S.S. Harvest St. 17' E-Boston St.	Hard compact sand & gravel
15	S.S. Howell St. 14' E-Boston St.	Hard pan
17	S.E. corner-Boston St. and Dorchester Ave. on P.C.	Clay

ABANDONED WELLSWard 7 (Continued)

<u>NO.</u>	<u>LOCATION</u>	<u>CAUSE</u>
18	Alger St. W-Dorchester Ave.	Private Property
19	Carnegie St. W-Dorchester Ave.	Private Property
20	Wadleigh Pl. W-Dorchester Ave. near R.R. Track	Private Property
22	W.S. Ellery St. front-Jarvis Eng. Co.	Plugged with stones
23	N.S. Columbia Rd. 22' E-Greenhalge St.	Natural high ground
24	Corner St. Margaret St. & Roseclair St. on P.C. S.W. side	Clay
26	N.S. Dorset St. front-17	Hard sand and gravel
31	N.S. Woodward St. 35' E-Dorchester Ave.	Hard clay
33	S.S. Damrell St. 100' E-Dorchester Ave.	Struck a ledge
34	W.S. Dorchester Ave. front-414	Silt
38	S.S. Mt. Vernon St. dir. opp. N.W. corner Von Hillern St.	Clay
44	N.W. corner Gen. W.H. Devine Way and Old Colony Ave. P.C.	Obstruction
45	S.S. Locust St. 30' W-Buttonwood St.	Hard yellow clay
46	S.S. Locust St. P.C.-Locust & Von Hillern Sts. S.W. corner	Clay obstruction
49	N.S. Kemp St. 15' W-Albert St.	Clay
52	W.S. Ward St. 20' S of Dorchester St.	High ground
53	S.E. corner Vinton and Dorchester Sts.	Could not drive below 3'
56	W.S. Champney St. 50' S-corner Old Colony Ave. & Champney St.	Could not drive below 5'
57	W.S. Old Colony Ave. 26' S-Dorchester Ave.	Cemented over
61	W.S. D St. front-24	Clay
62	W.S. Middle St. opp. 44 and 46	Struck a ledge
63	W.S. Champney St. 27' N-Columbia Rd.	Housing Project
64	W.S. Vale St. 8' S-Dorchester St.	Housing Project
66	N.S. Vale St. 10' W-Mercer St.	Housing Project
67	W.S. Mercer St. 9'-3" N-E. Ninth St.	Housing Project
70	W.S. Covington St. 11' N-Columbia Rd.	Hard sand and gravel
78	W.S. I St. 15' N-E. Eighth St.	Old land, not in fill
79	E.S. M St. 9' S-E. Eighth St.	No water
91	S.E. corner Wesley and Preble Sts.	Street widening
94	S.W. corner Champney Ct. near 25 Champney St.	Housing Project
97	N.E. P.C. Wendell St. and Gen. W.H. Devine Way	Catch Basin
100	S.S. Howell St. 15' E-Boston St. near 126	Hard clay
109	N.S. E. Cottage St. front-R.R. Property Line	Hard clay
110	E.S. Boston St. 97' S-Mayhew St.	Clay

ABANDONED WELLS

Ward 7 (Continued)

NO.

LOCATION

CAUSE

112 S.S. E. Eighth St. 9' W-Hardy St.
114 S.S. Harvest St. 330' E-Boston St.

Clay
Natural ground

Total - 44 All Bldg. Dept.

Ward 8

1 W.S. Harrison Ave. 20' N-Dudley St.
3 N.S. Palmer St. 16' W-Winslor St.
4 E.S. Mall St. 28' S-Douglas St.
5 E.S. Dearborn St. opp. N corner-Zeigler St.
6 N.S. Albany St. 15' E-Webber St.
10 E.S. Eustis St. 28' S-Washington St.
14 N.S. Mass. Ave. 40' W-Washington St.
18 W.S. Adams St. 20' N-Eustis St.
30 N.S. Howard St. 15' E-Gerard St.
31 N.S. Shirley St. 20' W-Clifton St.
32 N.S. Burrell St. 19' E-Clifton St.
34 E.S. Norfolk Ave. 25' S-Clapp Pl.
35 S.S. Shirley St. 22' W-Norfolk Ave.
36 S.S. Langdon St. 28' W-Norfolk Ave.
37 N.S. Magazine St. 27' W-Norfolk Ave.
41 S.S. Magazine St. 23' W-Massachusetts Ave.
47 Island and Burnham Sts.
51 N.S. Southampton St. 13' W-Moore St.
52 Burnham and Southampton Sts.
53 South Bay Ave. and Atkinson St.
54 South Bay Ave. and Cummings St.
64 N.S. Chadwick St. front-53
65 S.S. George St. 30' E-Clarence St.
66 S.S. Magazine St. E curb nr. Allerton St.
67 W.S. Kemble St. 20' N-Magazine St.
69 S.S. Magazine St. 30' W-Cedric St.

Hard wall cement
Hard clay
Clay
Hard clay
Hard clay
Hard clay
Natural clay at 5'
Very solid clay
Blue-green clay
Clay
Hard clay
Mud and gray peat
Mud and gray peat
Mud and clay
Mud and clay
Mud and clay
Private Property
Private Property
Private Property
Private Property
Private Property
Clay
Hard soil
Hard clay
Hard natural ground
Hard soil



ABANDONED WELLS

Ward 8 (Continued)

<u>NO.</u>	<u>LOCATION</u>	<u>CAUSE</u>
70	N.S. Clifton St. 12' W-Marshfield St.	Natural ground at 8'-6"
73	E.S. Massachusetts Ave. bet. 670 and 672 Mass. Ave.	Natural ground
74	E.S. Harrison Ave. 290' N-Massachusetts Ave.	Natural ground
78	N.S. Norfolk Ave. 10' E-Gerard St.	Clay
98	S.S. Washington St. 67' W-E. Dedham St.	Clay
104	S.S. Harrison Ave. front-624	Blue clay
160	N.S. Fellows St. front-92, 3'-6" E-E. Lenox St. Bldg. Line	New sidewalk
Total - 33 Bldg. Dept. - 32 Sewer Dept. - 1		
<u>Ward 9</u>		
1	S.S. Roxbury St. 28' E-Gardner St.	Struck ledge
5	E.S. Linden St. 25' S-Tremont St.	Struck ledge
7	W.S. Vernon St. 21' S-Tremont St.	Struck ledge
10	Tremont and Rugles Sts. N.E. P.C.	Conduit casings
11	S.S. Cabot St. 53' E-Rugles St.	Clay
12	N.S. Roxbury St. 12' E-Bicknell St.	High ground
13	W.S. Rugles St. opp. Bldg. Line Westminster St.	New sidewalk
17	Columbus Ave. and Weston St. P.C. N.E. corner	Clay
18	S.S. Grinnell St. 20' W-Sarsfield St.	Obstruction
20	W.S. Tremont St. 24' N-Walpole St.	Yellow sandy clay
24	E.S. Warwick St. 8' S-Windsor St.	Hard clay
25	W.S. Tremont St. 26' S-Burke St.	Hard sandy clay
28	N.S. Lenox St. 25' W-Shawmut Ave.	Clay
29	E.S. Sawyer St. 24' N-Dillon St.	Housing Project
30	N.S. Warwick St. 13' W-Private Way opp. Sussex St.	Private Property
31	N.S. Tremont St. 14' W-Davenport St.	Sandy clay
32	E.S. Benton St. 10' S-Columbus Ave.	Hard dry clay
34	Columbus Ave. and Camden St. on P.C. N side	Hard dry clay
40	S.S. Rutland St. 12' E-Tremont St.	Clay at 12'-6"
41	W.S. Pembroke St. 10' S-Tremont St.	Clay at 12'-6"
43	S.S. Upton St. 36' E-Tremont St.	Clay at 10'-6"
44	W.S. Pelham St. 10' S-Shawmut Ave.	Clay at 10'-6"



ABANDONED WELLS

Ward 9 (Continued)

<u>NO.</u>	<u>LOCATION</u>	<u>CAUSE</u>
45	E.S. W. Dedham St. 10' S-Washington St.	Clay at 10'-6"
46	N.S. Elmwood St. 150' E-Texas St.	Covered with asphalt
66	W.S. Sterling St. 25' N-Warwick St.	Hard clay
71	N.S. Auburn St. 15' E-Oakburn Pl.	Hard pan, nat. ground
75	N.S. Nawn St. E-Washington St.	Location can't be deter.
76	W.S. Arnold St. bet. 8 and 10	Hard pan, nat. ground
77	N.S. Woodbury St. E-Washington St.	Hard clay
82	W.S. Tremont St. 54' S-Covertry St.	Clay
85	N.S. Northampton St. 27'-6" E of Entrance to 263 Northampton St.	Clay
86	W.S. Camden St. 229' N-Northfield St.	Clay
87	E.S. Rutland St. 269' S-Tremont St.	Clay
88	N.S. Shawmut Ave. 7'-6" E-hydrant cor. W. Brookline Ave.	Clay
89	E.S. W. Canton St. 16'-6" N-Entrance to 71	Clay
90	N.S. Columbus Ave. 95' W-Grimmell St.	Clay
94	N.S. Northampton St. 10' W-531 Northampton St.	Clay at 9'
98	N.S. Shawmut Ave. 33' W-Camden St.	Clay at 4'
105	S.S. Lenox St. June. Sawyer St.	Housing Project
108	N.S. Tremont St. 24' W-W. Springfield St.	Hard yellow clay
109	E.S. W.Newton St. 22' N-School Bldg.	Gravel and fill
110	S.S. Shawmut Ave. 10' W-468	Gravel

Total - 42 All Bldg. Dept.

Ward 13

2	Edison Green and Pond St. on P.C.	Natural ground
3	S.S. Moseley St. 118' W-Columbia Rd.	Obstruction
4	N.S. Carson St. on P.C. Columbia Rd.	Obstruction, nat. ground
6	Crescent Ave. and Moseley St. on N.E. P.C.	Natural ground
7	N.S. Crescent Ave. on P.C. Private Way opp. Newport St.	Natural ground
9	W.S. Sydney St. opp. 189 Sydney St.	Plugged
10	N.E.S. Harbor View St. on P.C. Newport St.	High ground
12	W corner Sagamore and Sudan Sts.	Natural ground

.....

.....

.....

.....

.....

ABANDONED WELLS

Ward 13 (Continued)

<u>NO.</u>	<u>LOCATION</u>	<u>CAUSE</u>
13	S.E. corner Homsey and Sagamore Sts. on P.C.	Natural ground
14	S.S. Homsey St. 23' W-Sydney St.	Gravel, no water
15	S.W. corner Belfort and Saxton Sts. opp. Prop. Line-Belfort St.	Sand, no water
16	Corner Elton and Sagamore Sts. front-18 Prop. Line	Natural ground
17	E.S. Saxton St. 600' N-Savin Hill Ave.	High nat. ground
19	On E corner Maryland St. and Savin Hill Ave. P.C.	High nat. ground
20	S.S. Bay St. 46' E-Catch Basin opp. South Sydney St.	Clay
25	E.S. Wave Ave. 77' N-Savin Hill Ave. nr. street lamp on Wave Ave.	Private Way
26	E.S. Seaview Terr. 61' N-Entrance to 61	Isolated location

Total - 17 All Bldg. Dept.

Ward 15

8	S.S. Fenton St. 22' W-Fenton Pl.	Clay, little sand
10	S.S. Leonard St. on P.C. opp. 44	Clay, no water

Total - 2 Both Bldg. Dept.

Ward 16

1	N.S. Park St. on P.C.-curb E-Clayton St.	Peat and clay
5	E.S. Gibson St. on P.C.-Gibson and Adams Sts.	Obstruction
7	N.S. Christopher St. on P.C. nr. wooden fence	Clay, nat. ground
8	N.S. Park St. 20' E-Dorchester Ave.	Sand and gravel, clay
13	W.S. Old Colony Prky. 15' S-Victory Rd.	Cemented over
14	W.S. Old Colony Prky. on P.C. in front of 741	Cemented over
23	W.S. Neponset Ave. opp. Traffic Circle in front-459	Unsuitable location
26	Corner Rice and Taylor Sts. on P.C. opp. Neponset R.R. Station	Sand and gravel, boulder
28	S.S. Neponset Ave. front-493 Neponset Ave.	Old foundation, boulder
29	N.S. Gallivan Blvd. on E corner-Glover St.	Sand and gravel, boulder
34	S.S. Marsh St. front-7 Marsh St.	Clay, sand and gravel
38	In grass plot at junc. Park, Ashland and Beach Sts.	Clay

ABANDONED WELLS

Ward 16 (Continued)

Total - 12 All Bldg. Dept.

Ward 21

NO.

LOCATION

CAUSE

1 W.S. St. Paul St. 25' N-Commonwealth Ave.
3 Commonwealth Ave. and Essex St. Bridge
14 N.S. Burlington Ave. 160' W-Brookline Ave.
31 E.S. Cummington St. 27' S-Comm. Ave.

Hard pan
Hard pan
Repairing sidewalk
Cemented

Total - 4 All Bldg. Dept.

Ward 22

7 N.S. Cambridge St. 33' E-El. Pole cor. Sorrenton St.
8 N.S. Cambridge St. 10' E-Edison Pole on E curb-N. Harvard St.
9 N.S. Hopdale St. 16' E-N. Harvard St. Bldg. Line
19 E.S. N. Harvard St. 300' N-Smith St.
20 N.S. N. Harvard St. 250' W-Soldiers Field Rd.
21 W.S. Soldiers Field Rd. 53' N-N. Harvard St.
37 S.S. Soldiers Field Rd. 565' W-Telford St.
38 N.S. Soldiers Field Rd. opp. 447
39 N.S. Soldiers Field Rd. 270' E-Driveway
41 E.S. Everett St. 15' S-Western Ave.
43 N.S. Western Ave. opp. Riverdale St.
48 S.S. Seattle St. in front-30
49 N.S. Oxford St. 40' W-Sorrento St.
50 E.S. N. Harvard St. 20' S-Oxford St.
51 S.S. Kingsley St. 18' E-N. Harvard St. Bldg. Line
54 S.S. Western Ave. 6' W-Antwerp St.

Natural ground, stoney
Natural ground
Gravel to sand
Casing light
Heavy gravel & sand
Stones and gravel
Ground too hard
Natural ground
Natural ground
Natural ground
Hard compact sand & gravel
Stones and gravel
Unsuitable location
Natural ground
Natural ground
Hard yellow clay

Total - 16 All Bldg. Dept.

SPECIAL STUDIES

GROUND WATER LEVEL SURVEY

DURING

1940



SPECIAL STUDIES

Effect of Tides in Vicinity of Atlantic Avenue

From June 3, 1940 to June 11, 1940

WELLS	NO. OF READINGS	GRADE	HIGH TIDE	DATE	READING	DATE	TIME	READING	DATE	TIME	FLUCTUA- TION
1.5-19	10	16.69	10:13 AM	6/3/40	10.27	6/3/40	10:13 AM	7.86	6/3/40	3:35 PM	2.41
20	10	19.35	10:13 AM	6/3/40	8.10	6/3/40	10:25 AM	8.10	6/4/40	3:20 PM	0.00
24	9	18.47	10:13 AM	6/3/40	10.64	6/3/40	12:15 PM	10.51	6/4/40	3:40 PM	0.13
27	3	16.07	11:39 AM	6/5/40	7.03	6/5/40	11:15 AM	6.94	6/5/40	3:05 PM	0.09
35	2	14.97	11:39 AM	6/5/40	4.97	6/5/40	12:05 PM	4.97	6/5/40	2:15 PM	0.00
60	2	19.35	11:39 AM	6/5/40	7.78	6/5/40	12:25 PM	13.78	6/5/40	2:35 PM	0.00
61	3	13.65	12:23 PM	6/6/40	7.52	6/6/40	11:00 AM	7.52	6/6/40	3:10 PM	0.00
70	3	19.83	12:23 PM	6/6/40	12.83	6/6/40	10:30 AM	12.83	6/6/40	2:40 PM	0.00
82	3	17.77	12:23 PM	6/6/40	6.35	6/6/40	11:10 AM	6.35	6/6/40	3:20 PM	0.00
83	3	18.74	12:23 PM	6/6/40	9.91	6/6/40	11:30 AM	9.91	6/6/40	3:40 PM	0.00
84	3	15.95	12:33 PM	6/6/40	7.32	6/6/40	3:50 PM	7.24	6/6/40	11:40 AM	0.08
85	5	16.13	3:27 PM	6/10/40	7.81	6/10/40	9:00 AM	7.81	6/10/40	2:45 PM	0.00
95	4	16.81	4:20 PM	6/11/40	9.89	6/11/40	9:00 AM	9.89	6/11/40	2:50 PM	0.00
111	4	15.83	4:20 PM	6/5/40	7.20	6/5/40	10:15 AM	7.20	6/5/40	3:35 PM	0.00
127	3	15.33	11:39 AM	6/5/40	7.31	6/5/40	11:35 AM	7.31	6/5/40	3:25 PM	0.00
128	3	15.66	11:39 AM	6/5/40	13.76	6/5/40	11:25 AM	13.76	6/5/40	3:15 PM	0.00
129	3	16.14	10:13 AM	6/3/40	18.30	6/3/40	10:45 AM	18.30	6/4/40	3:30 PM	1.20
134	9	20.76	10:13 AM	6/3/40	8.59	6/6/40	10:40 AM	8.59	6/6/40	2:50 PM	0.00
135	10	18.25	12:23 PM	6/6/40	6.18	6/10/40	3:40 PM	6.05	6/10/40	9:50 AM	0.13
147	3	17.55	3:27 PM	6/10/40	7.90	6/11/40	9:45 AM	7.90	6/11/40	3:45 PM	0.00
164	5	15.18	4:20 PM	6/5/40	7.06	6/5/40	12:15 PM	7.93	6/5/40	2:25 PM	0.08
165	4	18.98	11:39 AM	6/5/40	8.01	6/5/40	11:05 AM	11.17	6/4/40	4:00 PM	0.00
180	3	16.26	10:13 AM	6/3/40	11.17	6/11/40	9:15 AM	10.52	6/11/40	3:00 PM	0.00
181	2	19.25	4:20 PM	6/6/40	5.69	6/6/40	3:30 PM	5.10	6/6/40	11:20 AM	0.59
183	9	23.77	12:23 PM	6/6/40	8.67	6/6/40	4:00 PM	5.91	6/6/40	11:50 AM	0.08
186	4	17.52	12:23 PM	6/6/40	5.99	6/6/40					
188	3	18.30	12:23 PM	6/6/40							
189	3	15.62	12:23 PM	6/6/40							
190	3										

TOTAL 29 - 131 Bldg. Dept.

1. Introduction

2. Objectives

3. Methodology

4. Results

5. Conclusion

6. References

7. Appendix

8. Summary

9. Conclusion

10. References

11. Appendix

12. Summary

13. Conclusion

14. References

15. Appendix

16. Summary

17. Conclusion

18. References

SPECIAL STUDIES

Effect of Tides in Vicinity of Atlantic Avenue

3-19	W side of Beverly St. 31' N of Causeway St.
3-20	N side of Causeway St. 45' W of N. Washington St.
3-24	S side of Commercial St. 34'-6" E of Hamover St.
3-27	W side of Commercial St. 20' S of Clark St.
3-35	N side of Central St. 27' W of Atlantic Ave.
3-60	N.W. side of Atlantic Ave. in front of #391
3-61	S side of Aldine St. 18' E of Estes Place
3-70	W side of Atlantic Ave. 54' S of Cotton Place
3-82	N side of Summer St. in front of #226 Summer St.
3-83	W side of Atlantic Ave. 155' N of Essex St.
3-84	S side of East St. 27' W of Atlantic Ave.
3-85	W side of South St. 53'-6" N of Kneeland St.
3-95	S side of Oak St. 22' W of Albany St.
3-111	W side of Albany St. 38' N of Union Park St.
3-127	W side of Atlantic Ave. near Clinton St.
3-128	E side of Atlantic Ave. 40' N of Commercial Wharf, South
3-129	W side of Commercial St. in front of #220 Commercial St.
3-134	N side of Commercial St. 215' W of Entrance to North End Park
3-135	W side of Commercial St. directly opp. Bldg. Line of Charter St.
3-147	E side of Pearl St. 20' N of Atlantic Ave.
3-164	S side of Harvard St. 12' W of Albany St.
3-165	S side of Bristol St. 12'-6" W of Albany St.
3-180	N side of State St. in front of #296
3-181	S side of Storer St. on corner of Atlantic Ave.
3-183	N side of Battery St. 20' W of Commercial St.
3-186	N.E. corner of Curve and Albany Sts.
3-188	N side of Atlantic Ave. in front of #559
3-189	N side of Atlantic Ave. nr. Summer St. in front of Wentworth Lunch
3-190	N side of Kneeland St. 5' W of Street Line of Atlantic Ave.
3-3-166	W side of Albany St. 9' N of Randolph St.
3-3-167	W side of Albany St. 13' S of Dover St. Bldg. Line
3-3-168	S side of Beach St. in front of #119
3-3-171	N side of Kneeland St. 51'-4" E of Lincoln St.
3-3-174	In street, W side of Utica St. 78' S of Beach St.
3-3-175	W side of South St. in front of #179 South St. near Beach St.

SPECIAL STUDIES

Effect of Tides in Vicinity of Atlantic Avenue

From June 3, 1940 to June 11, 1940

WELLS	NO. OF READINGS	GRADE	HIGH TIDE	DATE	READING	DATE	TIME	READING	DATE	TIME	FLUCTUATION
3-166	4	16.03	4:20 PM	6/11/40	7.53	6/11/40	10:00 AM	7.53	6/11/40	3:45 PM	0.00
167	4	21.63	4:20 PM	6/11/40	7.05	6/11/40	9:30 AM	7.05	6/11/40	3:15 PM	0.00
168	4	15.91	3:27 PM	6/10/40	10.50	6/10/40	10:40 AM	10.21	6/10/40	3:10 PM	0.29
171	5	16.78	3:27 PM	6/10/40	8.86	6/10/40	9:30 AM	8.86	6/10/40	3:30 PM	0.00
174	5	16.18	3:27 PM	6/10/40	3.72	6/10/40	9:20 AM	3.72	6/10/40	3:20 PM	0.00
175	5	16.59	3:27 PM	6/10/40	5.67	6/10/40	9:10 AM	5.67	6/10/40	3:00 PM	0.00

TOTAL 6 - 27 Sewer Dept.

29 - Bldg. Dept.

Bldg. Dept. - 131

Sewer Dept. - 27

35 TOTAL of Wells

GRAND TOTAL 158 (No. of Readings)

SPECIAL STUDIES

First Church of Christ Scientist - In Vicinity of Huntington Avenue Subway, Bounded by St. Paul, Norway and Falmouth Streets

From March 6, 1940 to October 14, 1940

WELLS	NO. OF READINGS	GRADE	READING	HIGH	DATE	READING	LOW	DATE	FLUCTUATION IN FEET
wd. 4-39	28	17.28	5.18 ft.		9/19/40	-0.47 ft.		7/15/40	5.65
40	27	17.03	7.36		3/25/40	4.53		10/8/40	2.83
45	22	16.94	6.77		9/23/40	4.19		7/31/40	2.58
46	25	17.28	6.99		9/19/40	6.55		8/1/40	0.44
47	24	18.19	7.31		3/25/40	6.15		10/9/40	1.16
77	27	17.24	4.81		3/12/40	4.20		10/8/40	0.61
78	28	20.41	16.28		3/18/40	13.37		3/6/40	2.91
80	23	16.10	8.68		9/4/40	7.27		4/9/40	1.41
109	26	24.69	3.19		10/9/40	-0.10		7/10/40	0.29
120	23	17.55	1.22		9/23/40	-1.74		7/31/40	2.96
121	20	12.45	6.78		3/27/40	3.49		3/31/40	0.29
122	21	12.53	5.36		10/9/40	2.58		3/21/40	2.78
123	22	12.38	8.34		3/19/40	5.46		8/21/40	2.88
124	22	12.36	7.57		3/19/40	6.32		9/19/40	1.25
135	20	12.60	-0.40		10/7/40	-4.32		7/31/40	3.92
136	20	13.42	7.42		3/19/40	6.17		10/8/40	1.25
138	27	17.13	7.28		3/25/40	6.50		9/19/40	0.78
139	25	17.56	7.14		5/29/40	4.06		6/13/40	3.08
S-4-116	25	17.56	2.87		10/8/40	-0.59		7/10/40	3.46
	25	17.41	7.61		7/12/40	7.11		10/3/40	0.50
	17	17.38	8.96		7/15/40	-3.67		3/19/40	12.65
	118	18.00	2.88		10/9/40	-2.16		4/10/40	5.04
	119	17.59	5.39		10/9/40	-4.27		3/28/40	9.66
	120	18.06	5.74		8/7/40	5.07		5/9/40	0.67
	121	17.70	5.48		8/15/40	5.10		5/23/40	0.38
	122	17.73	Dry		3/21/40	Dry		10/7/40	0.00
	124	17.12	6.41		4/6/40	5.70		9/18/40	0.71
	204	17.58	7.69		5/29/40	4.98		4/1/40	2.71
205	24	17.27							
TOTALS 28	648								

Wells in Vicinity of First Church of Christ Scientist

4-39	N side of Clearway St. 6' W of Alley near Massachusetts Ave.
4-40	N side of Belvidere St. 30' W of Dalton St.
4-45	E side of Cumberland St. 28' S of Huntington Ave.
4-46	W side of W. Newton St. 37' S of Huntington Ave.
4-47	E side of Garrison St. 27' S of Huntington Ave.
4-77	N side of Clearway St. in front of #32
4-78	N side of Scotia St. in front of #36-38, 66' E of St. Cecelia St.
4-80	N side of Symphony Rd. Property Line of #35
4-109	E side of Massachusetts Ave. in front of #150, 19' N of Belvidere St.
4-120	S side of Westland Ave. 67' W of Junct. of Massachusetts Ave. & St. Stephens St.
4-121	S side of Public Alley #404 on E of #173 St. Botolph St. rear
4-122	S side of Public Alley #403 229' W of W. Newton St.
4-123	S side of Public Alley #402 18' E of Ent. to rear of #83 St. Botolph St.
4-124	S side of Public Alley #401 in front of Entr. to rear of #31 St. Botolph St.
4-135	S.W. side of Public Alley #820 95' S of Huntington Ave.
4-136	S.W. side of Public Alley #405 opp. Public Alley #404
4-138	E side of Norway St. 20' N of Entrance to #11
4-139	E side of Norway St. 17' N of Huntington Ave.
4-116	E side of Norway St. 66' N of Eagerley Rd.
4-117	S side of Burbank St. 75' W of Massachusetts Ave.
4-118	E side of Massachusetts Ave. 20' S of P.C. of Clearway St.
4-119	S side of Clearway St. opp. #48
4-120	W side of Falmouth St. 66' N of Norway St.
4-121	S side of Norway St. 50' E of St. Paul St.
4-122	E side of St. Paul St. 50' N of Falmouth St.
4-124	N side of Gainsborough St. 4' W of Alley #821
4-204	E side of Dalton St. opp. Scotia St.
4-205	On E side of #108 Belvidere St.



SPECIAL STUDIES

Vicinity of the Hotel Lenox - Bounded by Boylston and Exeter Streets and B&A.R.R. Yards

From March 19, 1940 to October 15, 1940

WELLS	NO. OF READINGS	GRADE	HIGH		LOW		FLUCTUATION IN FEET
			READING	DATE	READING	DATE	
Wd. 4-102	20	16.27	4.02 ft.	10/15/40	1.56 ft.	4/3/40	2.46
103	20	18.70	7.87	4/23/40	6.12	10/10/40	1.75
104	20	16.32	6.78	4/24/40	4.94	10/10/40	1.84
S-4- 57	16	16.61	7.65	4/24/40	5.28	9/18/40	2.37
194	16	18.02	4.85	4/23/40	4.06	5/29/40	0.79
S-5- 58	14	16.23	2.48	5/29/40	0.98	4/3/40	1.50
TOTAL 6	106						

SPECIAL STUDIES

Wells Located in Vicinity of Hotel Lenox

4-102	S side of Boylston St. 2' W of Bldg. Line of Exeter St.
4-103	W side of Exeter St. on corner at Alley near Hotel Lenox
4-104	S side of Boylston St. on corner at Alley near Hotel Lenox
S-4-57	S side of Boylston St. 37' W of Property Line of Hotel Lenox
S-4-194	S side of Boylston St. in front of Bldg. Line of Boston Public Library
S-5-58	W side of Exeter St. 44' N of Boylston St.

SPECIAL STUDIES

Vicinity of New England Mutual Life Insurance Building, Bounded by Clarendon, Newbury,
Berkeley and Boylston Streets

From March 12, 1940 to October 17, 1940

WELLS	NO. OF READINGS	GRADE	READING	HIGH	DATE	READING	LOW	DATE	FLUCTUATION IN FEET
Wd. 5-40	18	17.42	6.84 ft.		8/20/40	5.17 ft.		4/2/40	1.67
65	19	17.18	Dry		9/23/40	Dry		9/23/40	0.00
75	19	16.23	4.06		10/8/40	3.31		3/25/40	0.75
123	17	17.55	4.47		10/8/40	1.97		4/2/40	2.50
124	17	18.79	5.29		3/25/40	4.71		7/22/40	0.58
127	17	14.86	5.19		10/9/40	4.03		4/25/40	1.16
138	19	14.14	4.39		10/9/40	2.01		3/14/40	2.38
141	20	14.30	4.13		10/8/40	2.26		4/2/40	1.87
154	17	15.50	6.98		8/20/40	3.44		3/27/40	3.54
d.S-4-60	14	18.94	5.30		8/22/40	3.59		7/9/40	1.71
61	16	18.66	7.33		3/25/40	4.20		7/9/40	3.13
67	14	18.78	5.24		8/22/40	3.28		5/27/40	1.96
d.S-5-35	18	16.73	4.56		10/9/40	3.85		4/2/40	0.71
37	19	17.54	5.79		7/25/40	4.96		3/28/40	0.83
42	21	17.86	7.78		8/21/40	5.36		4/22/40	2.42
59	18	17.09	4.01		10/5/40	3.11		3/28/40	0.90
62	12	17.45	Dry		10/15/40	Dry		10/15/40	0.00
66	17	17.84	5.39		10/15/40	4.59		4/2/40	1.00
104	18	16.94	5.69		8/14/40	4.31		5/28/40	1.38
207	18	17.89	5.47		10/15/40	4.10		4/2/40	1.37
208	17	16.92	5.13		3/28/40	4.21		7/9/40	0.92
TOTALS 21	365								

January 1st 1901

Received of Mr. J. H. Smith

the sum of \$100.00

for rent of land

for the year 1900

for the year 1900

Wells in Vicinity of New England Mutual Life Insurance Building

5-40	S side of Newbury St. 25'-6" N of Arlington St.
5-65	N side of Boylston St. 26'-6" W of Clarendon St.
5-75	E side of Dartmouth St. 27' N of Newbury St.
5-125	S side of Newbury St. 22' W of Clarendon St.
5-124	S side of Boylston St. near Entrance to #380
5-127	N side of Public Alley #436 bet. Berkeley & Clarendon Sts. rr. of #72 Commonwealth Ave.
5-138	N side of Public Alley #435 bet. Clarendon & Dartmouth Sts. 262' W of Clarendon St.
5-141	N side of Public Alley #439 bet. Dartmouth & Clarendon Sts. rr. of #122A Newbury St.
5-154	S side of Public Alley #437 157' E of Arlington St.
S-4-60	N.W. corner of Large Grass Plot at junct. of Boylston St., Huntington Ave. & Dartmouth St.
S-4-61	N.E. corner of Large Grass Plot at junct. of Huntington Ave. & Boylston St.
S-4-67	S corner of Large Grass Plot at junct. of Dartmouth St., Boylston St. & Huntington Ave.
S-5-35	S side of Commonwealth Ave. 30' W of Clarendon St.
S-5-37	S side of Commonwealth Ave. 30' W of Berkeley St.
S-5-42	S side of Commonwealth Ave. 30' W of Arlington St.
S-5-59	E side of Dartmouth St. 21' N of Boylston St.
S-5-62	E side of Clarendon St. 30' N of Boylston St.
S-5-66	E side of Berkeley St. 44' N of Boylston St.
S-5-104	N.W. corner of Providence & Arlington Sts.
S-5-207	Berkeley St. 2' N of Bldg. Line of Museum of Natural History
S-5-208	E side of Clarendon St. 20' S of P.C. of Boylston St.

GROUND WATER LEVEL WELL READINGS

INTERESTING FACTS

From March to December 1940

Total No. of Readings taken - upwards of 23,000

No. of wards in which wells are located - 14

No. of wards in which there are no wells - 8

No. of localities in which special study of readings are made - 4

Localities in which Special Studies are made

Vicinity of Christian Science Church
Vicinity of New England Mutual Building
Vicinity of Hotel Lenox
Vicinity of Atlantic Avenue (Effect of Tides)

Month in which smallest number of readings taken - September, 1940 - with - 1765

Month in which largest number of readings taken - July, 1940 - with - 3429

Ward in which smallest number of readings taken - Ward 2 - with - 791

Ward in which largest number of readings taken - Ward 5 - with - 2360

GROUND WATER LEVEL WELL READINGS

INTERESTING FACTS

Average No. of Readings Per Month

Average No. of Readings Per Month in Ward 1	-----	116
2		99
3		289
4		288
5		295
6		249
7		226
8		285
9		250
13)		
15)		155
16)		
21		138
22		141

Average No. of Readings Per Month on Special Studies

Vicinity of Christian Science Church-----	50
Vicinity of New Eng. Mutual Bldg.	20
Vicinity of Hotel Lenox	10
Vicinity of Atlantic Ave. (Effect of Tides)	20

Average No. of Readings Per Ward Per Month - 1940 (including Special Studies)

March-----	109
April	227
May	199
June	184
July	245
August	215
September	126
October	128
November	120
December	25

GROUND WATER LEVEL SURVEYMissing or Broken Covers Replaced, etc.Ward 1

- 1-42 Abandoned. Lugs broken; no screws. Put a cover on to eliminate hazard; replacing missing one.

Ward 2

- 2-09 Put on a new cover replacing broken one, but only 1 screw.

Ward 3

- S-3-158 A Bldg. Dept. well alongside; same number.

Ward 4

- 4-12A Repaired 4/24/40. Put on new cover.
 4-23 Abandoned. Gone on account of Housing Project.
 4-78 Repaired 4/24/40. Put on new cover.
 S-4-117 No box or cover. Can't put on anything. This well unreliable. Pipe exposed.

Ward 5

- 5-12 Abandoned. Box gone. Pipe exposed.

Ward 6

- 6-45 Put on new cover to replace broken one. Only 1 screw.
 6-69 Box gone. Pipe exposed.
 6-109 Put on a new cover in place of broken one.

Ward 7

- 7-105 Put on a new cover to replace broken one. Only 1 screw.

Ward 8

- 8-82 Well O.K.
 8-102 Put on a new cover to replace missing one.

Ward 9

- 9-02 Well O.K. Covered with cloth. Unable, for the present, to put on a cover.
 9-63 Well O.K.
 9-69 Well O.K. Only 1 screw.
 9-70 Well plugged and box filled with dirt. No use to put on a new cover.

GROUND WATER LEVEL SURVEY

Missing or Broken Covers Replaced, etc.

(Continued)

Ward 16

- 16-25 Put on a new cover and screws to replace missing one.
Covered only to eliminate hazard.

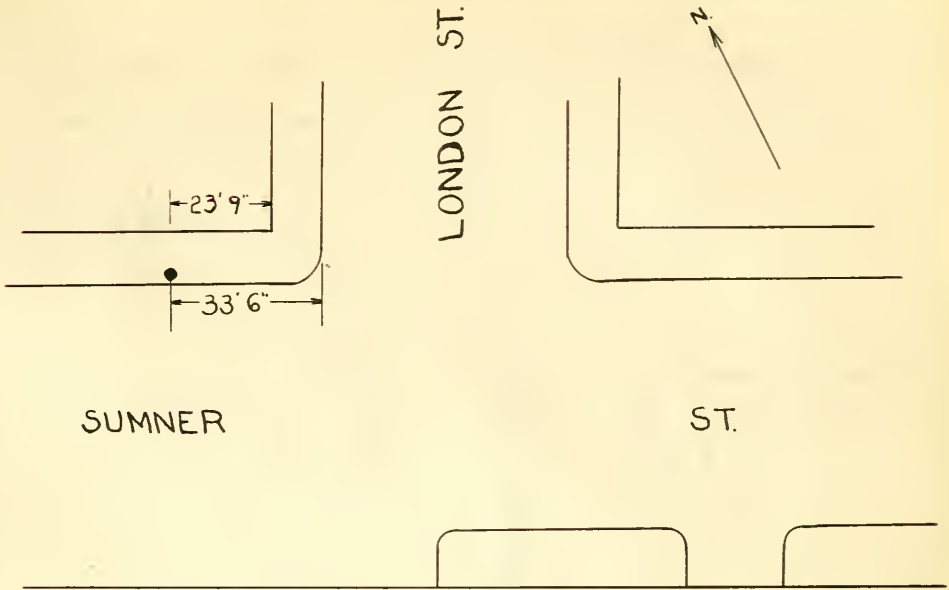
Ward 22

- 22-33 The box and cement has been pulled out. Well can't be
read. W.G.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Sumner St. 33' W of London St.

Station
No. 1-01



Sketch Drawn By J.D.M.C. Checked By H.P. Scale None

Well Installed 7/8/36 Depth 15'-6" Grade Top of Well 19.742

Readings taken over period from 9/28/36 to 2/17/37 and from 3/5/40 to date

First reading taken 9/28/36 Water at Grade 14.66

Latest reading taken 10/21/40 Water at Grade 11.57

LOWEST READING OVER ENTIRE PERIOD: 4/14/37 Water at Grade 9.82

HIGHEST READING OVER ENTIRE PERIOD: 9/28/36 Water at Grade 14.66

Data Transcribed By C.M. Checked By C.M.

Remarks:

7'-6" sand & gravel
7'-6" to 12'-6" blue clay

Note: See explanatory notes on first page of this Book

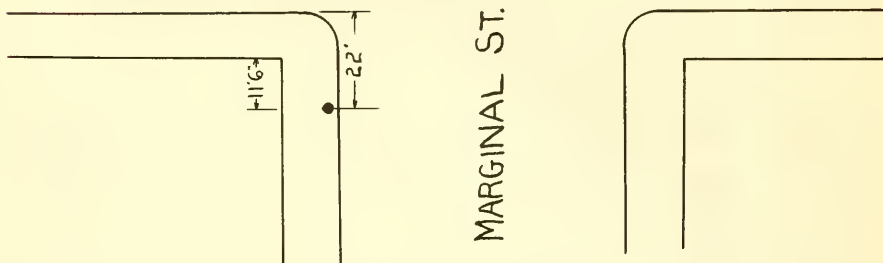
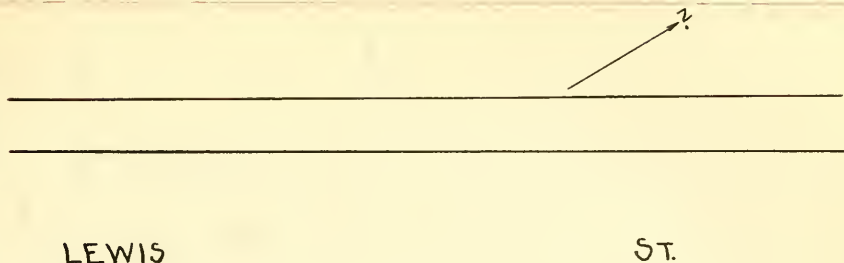
Date of Report 10/21/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Marginal Street, 22' E of
Lewis Street.

Station
No. 1-03



Sketch Drawn By J.D.M.C. Checked By H.P. Scale None

Well Installed 7/7/36 Depth 15' Grade Top of Well 19.363

Readings taken over period from 8/5/36 to 11/12/39 and from 3/20/40 to date

First reading taken 8/5/36 Water at Grade 12.68

Latest reading taken 10/2/40 Water at Grade 12.40

LOWEST READING OVER ENTIRE PERIOD: 8/20/38 Water at Grade 12.16

HIGHEST READING OVER ENTIRE PERIOD: 4/22/40 Water at Grade 14.40

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
6' to 10' blue clay
10' to 15' blue clay

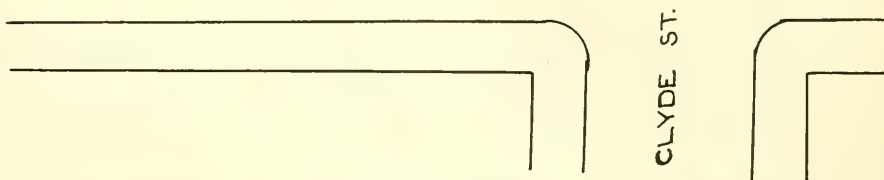
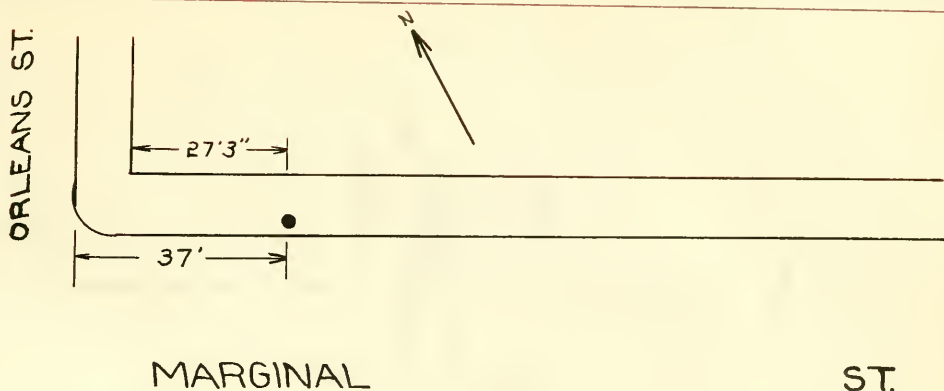
Note: See explanatory notes on
first page of this Book

Date of Report 10/2/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Marginal Street 37' E of Orleans Station
Street No. 1-04



Sketch Drawn By J.D.M.C. Checked By J.D.P. Scale None

Well Installed 7/6/36 Depth _____ Grade Top of Well 14.445

Readings taken over period from 8/5/36 to 2/17/39 and from 3/11/40 to date

First reading taken 8/5/36 Water at Grade 2.28

Latest reading taken 10/21/40 Water at Grade 6.78

LOWEST READING OVER ENTIRE PERIOD: 8/19/40 Water at Grade 5.99

HIGHEST READING OVER ENTIRE PERIOD: 4/4/37 Water at Grade 8.20

Data Transcribed By C.M. Checked By G.M.

Remarks:

10' sandy clay
17' sandy clay

Note: See explanatory notes on first page of this Book

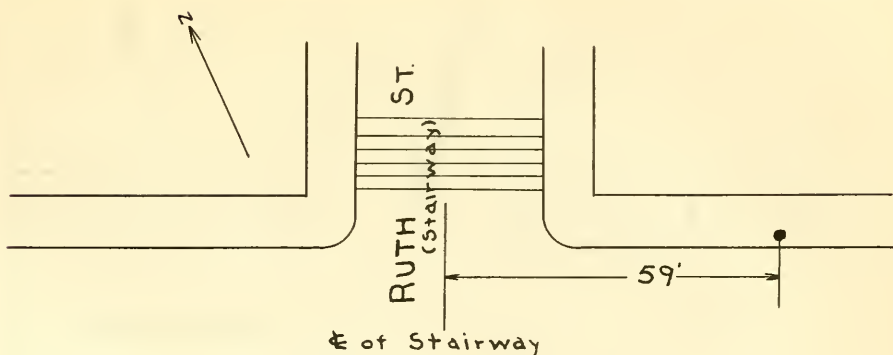
Date of Report 10/21/40

Approved By L

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Marginal St. 59' E of Ruth St.

Station
No. 1-06



MARGINAL

ST.

Sketch Drawn By J.D.M.E.C. Checked By H.P. Scale None

Well Installed 7/2/36 Depth 12'-6" Grade Top of Well 18.305

Readings taken over period from 8/5/36 to 11/2/39 and from 3/11/40 to date

First reading taken 8/5/36 Water at Grade 8.60

Latest reading taken 10/21/40 Water at Grade 8.39

LOWEST READING OVER ENTIRE PERIOD: 7/31/40 Water at Grade 5.39

HIGHEST READING OVER ENTIRE PERIOD: 4/22/41 Water at Grade 11.23

Data Transcribed By C.M. Checked By C.M.

Remarks:

7'-6" sand & gravel
7'-6" to 12'-6" hard pan

Note: See explanatory notes on first page of this Book

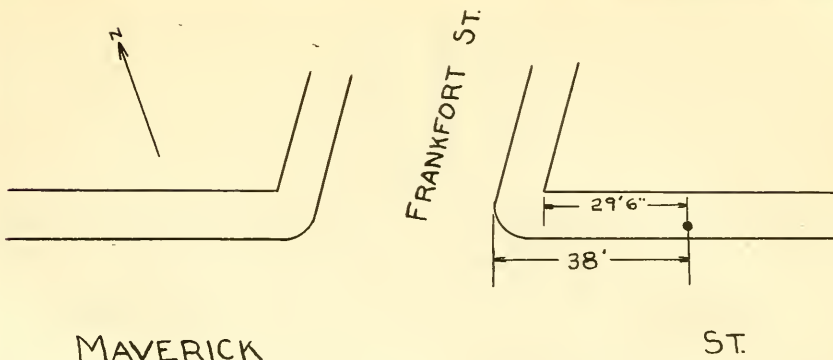
Date of Report 10/21/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Maverick St. 38' E of
Frankfort Street.

Station
No. 1-09



Sketch Drawn By J.D.M.S.C. Checked By H.P. Scale None

Well Installed 7/6/36 Depth 21' Grade Top of Well 17.049

Readings taken over period from 8/5/36 to 3/17/39 and from 3/5/40 to date

First reading taken 8/5/36 Water at Grade 2.26

Latest reading taken 10/21/40 Water at Grade 2.34

LOWEST READING OVER ENTIRE PERIOD: 8/20/38 Water at Grade 1.85

HIGHEST READING OVER ENTIRE PERIOD: 4/14/37 Water at Grade 5.13

Data Transcribed By C.M. Checked By A.M.

Remarks:

5' to 12' sand & gravel
12' to 14' clay
15' to 20' sand & gravel
15' water

Note: See explanatory notes on
first page of this Book

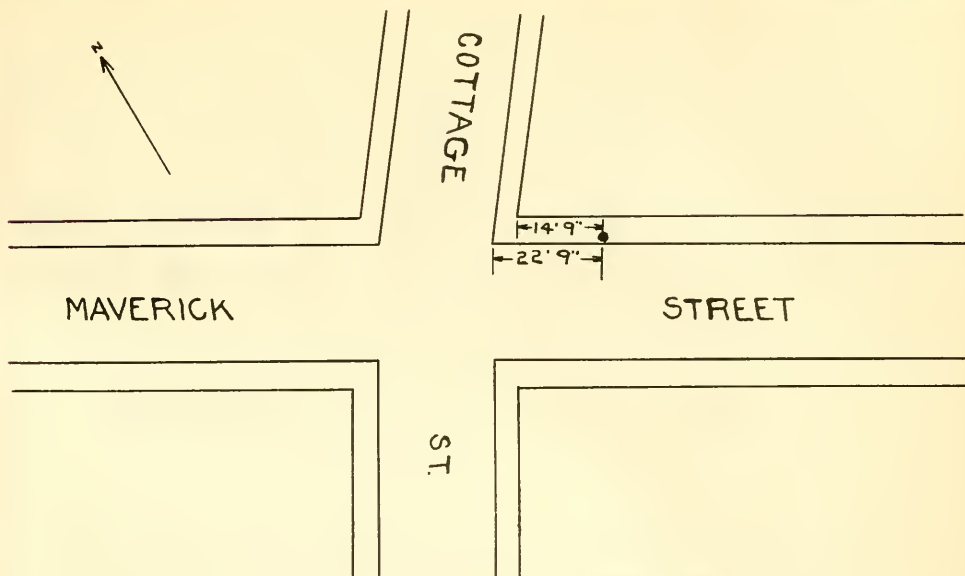
Date of Report 10/21/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Maverick St. 22'-9" E of
Cottage St.

Station
No. 1-10



Sketch Drawn By J.D.M.c. Checked By H.P. Scale None

Well Installed 7/2/36 Depth 15' Grade Top of Well 15.369

Readings taken over period from 8/5/36 to 11/12/39 and from 3/19/40 to date

First reading taken 8/5/36 Water at Grade 2.33

Latest reading taken 10/24/40 Water at Grade 2.37

LOWEST READING OVER ENTIRE PERIOD: 5/4/37 Water at Grade 1.87

HIGHEST READING OVER ENTIRE PERIOD: 9/22/38 Water at Grade 4.37

Data Transcribed By C.M. Checked By A.M.

Remarks:

10'-15' sand & gravel
11' water

Note: See explanatory notes on
first page of this Book

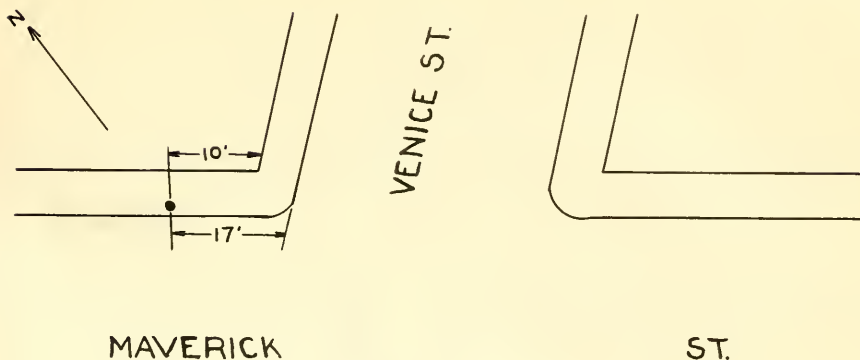
Date of Report 10/21/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Maverick St. 17' W of Venice St.

Station
No. 1-11



Sketch Drawn By J.D.M.s.c. Checked By H.P. Scale None

Well Installed 7/2/36 Depth 15' Grade Top of Well 17.339

Readings taken over period from 8/5/36 to 7/2/38 and from 3/5/40 to date

First reading taken 8/5/36 Water at Grade 4.44

Latest reading taken 10/21/40 Water at Grade 4.30

LOWEST READING OVER ENTIRE PERIOD: 10/21/40 Water at Grade 4.30

HIGHEST READING OVER ENTIRE PERIOD: 1/31/38 Water at Grade 6.13

Data Transcribed By C.M. Checked By G.M.

Remarks:

 sand & gravel
11' water

Note: See explanatory notes on first page of this Book

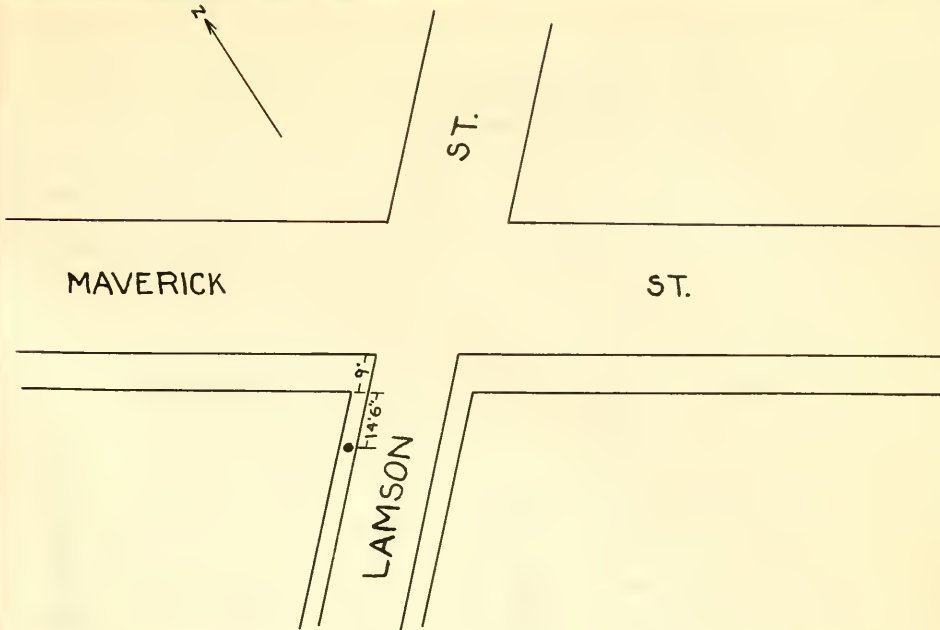
Date of Report 10/21/40

approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N.W. side of Lamson St. 23'-6" S.W.
of Maverick St.

Station
No. 1-12



Sketch Drawn By J.D.M.S.C. Checked By J.P. Scale None

Well Installed 7/1/36 Depth 15' Grade Top of Well 16.259

Readings taken over period from 8/5/36 to 2/12/39 and from 3/11/40 to date

First reading taken 8/5/36 Water at Grade 6.13

Latest reading taken 10/21/40 Water at Grade DRY

LOWEST READING OVER ENTIRE PERIOD: 8/5/36 Water at Grade 6.13

HIGHEST READING OVER ENTIRE PERIOD: 4/29/40 Water at Grade 10.34

Data Transcribed By C.M. Checked By A.M.

Remarks:

10' to 15' sand & gravel
11' to 15' water

Note: See explanatory notes on
first page of this Book

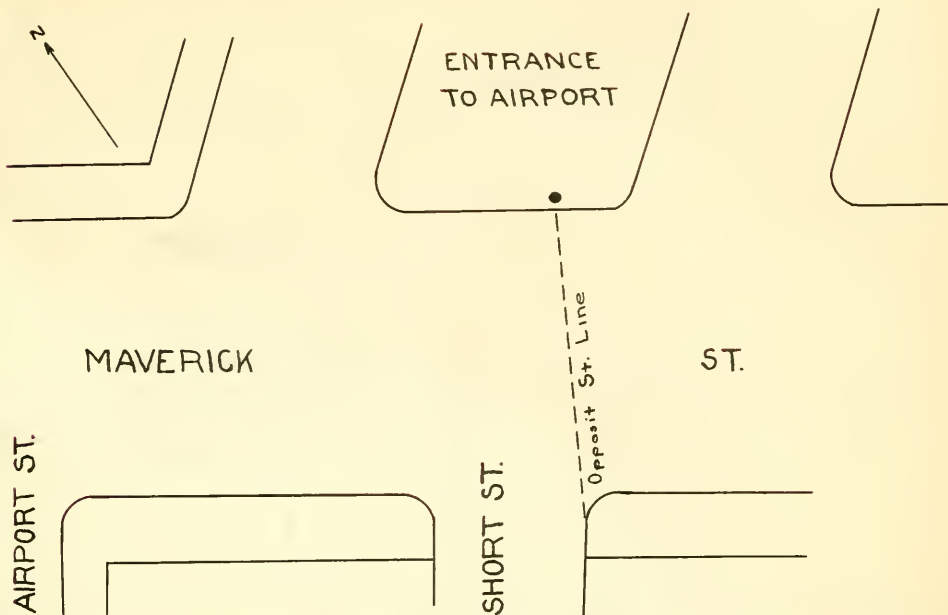
Date of Report 10/21/40

Approved By L.D.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Maverick St. on center line
of entrance to East Boston Airport.

Station
No. 1-13



Sketch Drawn By J.D.M.s.c. Checked By H. P. Scale None

Well Installed 7/2/36 Depth 15' Grade Top of Well 18.186

Readings taken over period from 8/5/36 to 2/12/39 and from 9/11/40 to date

First reading taken 8/5/36 Water at Grade 5.14

Latest reading taken 10/21/40 Water at Grade 5.19

LOWEST READING OVER ENTIRE PERIOD: 8/5/36 Water at Grade 5.14

HIGHEST READING OVER ENTIRE PERIOD: 4/24/40 Water at Grade 8.02

Data Transcribed By C.M. Checked By A.M.

Remarks:

11' water
15' sand & gravel

Note: See explanatory notes on
first page of this Book

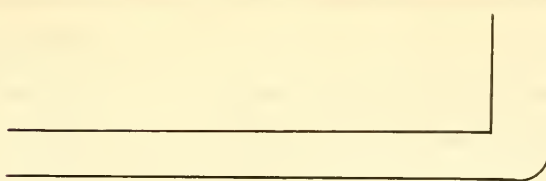
Date of Report 10/21/40

Approved By L.B.



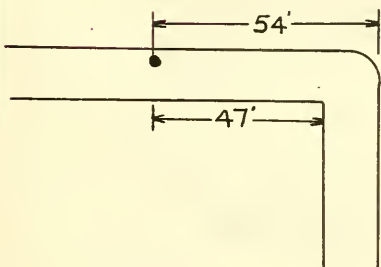
REPORT ON GROUND WATER LEVEL STATION

Location: S side of Maverick St. 54' W of Jefferies Street Station No. 1-14



MAVERICK

ST.



JEFFRIES ST.

Sketch Drawn By J.D.M.S.C. Checked By H.P. Scale None

Well Installed 7/2/36 Depth 20' Grade Top of Well 15.961

Readings taken over period from 8/10/36 to 10/22/38 and from 2/15/40 to date

First reading taken 8/10/36 Water at Grade 12.25

Latest reading taken 10/21/40 Water at Grade 5.58

LOWEST READING OVER ENTIRE PERIOD: 8/19/40 Water at Grade 5.29

HIGHEST READING OVER ENTIRE PERIOD: 12/9/36 Water at Grade 14.36

Data Transcribed By C.M. Checked By A.M.

Remarks:

7'-0" sand fill
20'-0" soft clay

Note: See explanatory notes on first page of this Book

Date of Report 10/21/40

Approved By L.B.

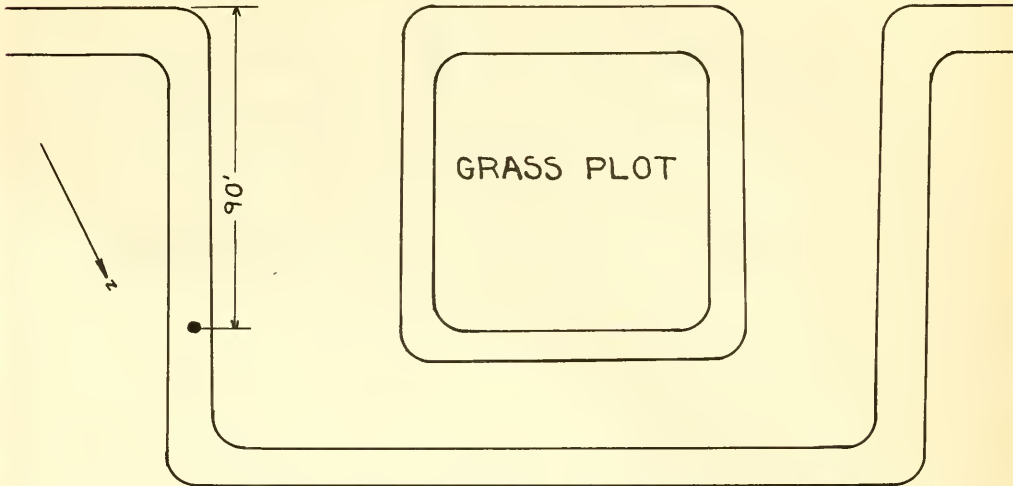
REPORT ON GROUND WATER LEVEL STATION

Location: E side of Entrance to East Boston
Airport 90' S of South St.

Station
No. 1-15

SOUTH

ST.



BOSTON MUNICIPAL AIR PORT

Sketch Drawn By J.D.M.S.C. Checked By J.P. Scale None

Well Installed 7/8/36 Depth 15' Grade Top of Well 19.003

Readings taken over period from 8/10/36 to 2/7/39 and from 3/11/40 to date

First reading taken 8/10/36 Water at Grade 7.32

Latest reading taken 10/21/40 Water at Grade 7.46

LOWEST READING OVER ENTIRE PERIOD: 8/20/38 Water at Grade 7.05

HIGHEST READING OVER ENTIRE PERIOD: 1/31/38 Water at Grade 8.34

Data Transcribed By C.M. Checked By A.M.

Remarks:

12' water level
sand & gravel

Note: See explanatory notes on
first page of this Book

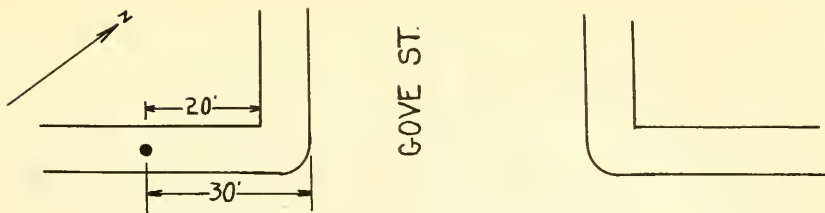
Date of Report 10/21/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

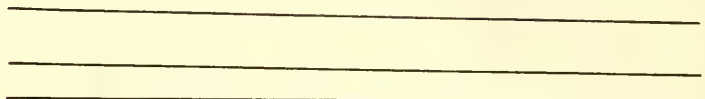
Location: W side of Bremen St. 30' S of Gove St.

Station
No. 1-17



BREMEN

ST.



EASTERN

R.R.

Sketch Drawn By J.D.M.S.C. Checked By H.O. Scale None

Well Installed 7/2/36 Depth 15' Grade Top of Well 15.961

Readings taken over period from 8/11/36 to 2/17/39 and from 3/5/40 to date

First reading taken 8/11/36 Water at Grade 9.67

Latest reading taken 10/21/40 Water at Grade Plugged

LOWEST READING OVER ENTIRE PERIOD: 10/4/37 Water at Grade 7.46

HIGHEST READING OVER ENTIRE PERIOD: 7/11/40 Water at Grade 10.79

Data Transcribed By C.M. Checked By J.M.

Remarks:

11' (?) water
13' sand, gravel fill
13' clay

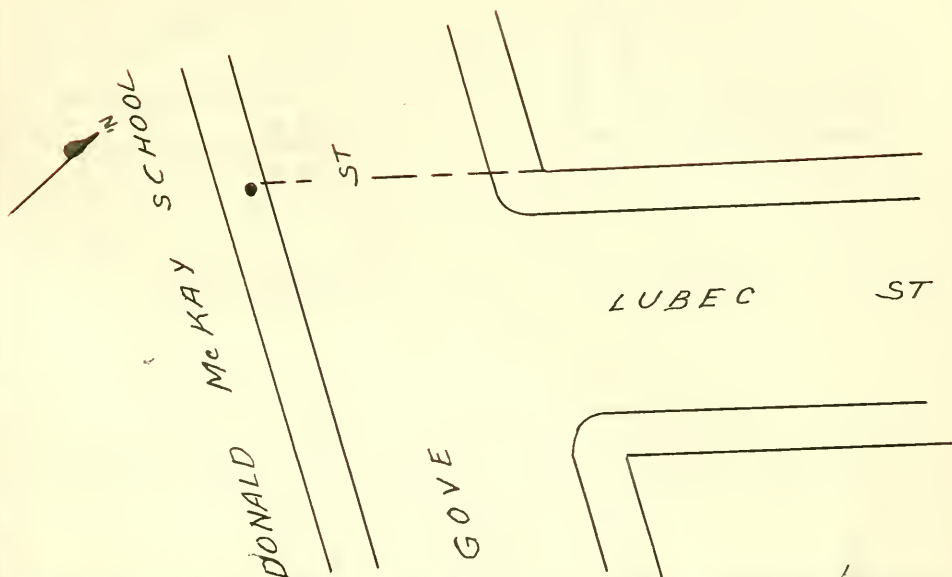
Note: See explanatory notes on first page of this Book

Date of Report 10/21/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Gove St. in front of Donald McKay School, in line with Bldg. Line of Lubec St. Station No. 1-19



Sketch Drawn By J.C.L. Checked By R.P. Scale 1/1000

Well Installed 7/8/36 Depth 15' Grade Top of Well 16.492

Readings taken over period from 8/12/36 to 2/12/37 and from 9/19/40 to date

First reading taken 8/12/36 Water at Grade 2.28

Latest reading taken 5/6/40 Water at Grade Plugged

LOWEST READING OVER ENTIRE PERIOD: 4/7/37 Water at Grade 7.07

HIGHEST READING OVER ENTIRE PERIOD: 9/23/36 Water at Grade 12.99

Data Transcribed By C.M. Checked By O.M.

Remarks:

9' water
10' fill
10'-15' sand
15'-18' clay

Note: See explanatory notes on first page of this Book

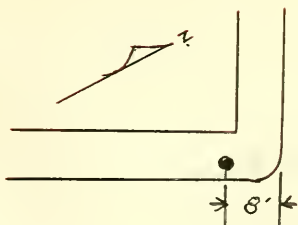
Date of Report 5/6/40

Approved By L.B.

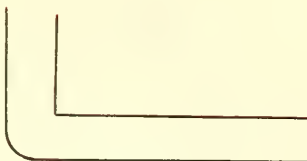
REPORT ON GROUND WATER LEVEL STATION

Location: W side of Geneva Street 8' S of Gove Street

Station
No. 1-2

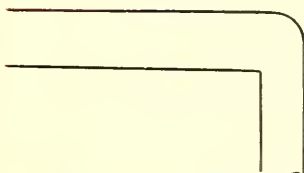


ST

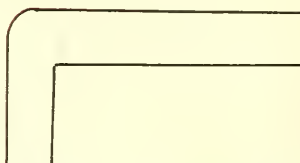


GENEVA

ST



GOVE



Sketch Drawn By J. D. Checked By H. P. Scale None

Well Installed 7/2/36 Depth 15' Grade Top of Well 16.289

Readings taken over period from 8/10/36 to 12/15/38 and from 3/19/40 to date

First reading taken 8/10/36 Water at Grade 6.21

Latest reading taken 4/29/40 Water at Grade Plugged

LOWEST READING OVER ENTIRE PERIOD: 4/7/37 Water at Grade 5.63

HIGHEST READING OVER ENTIRE PERIOD: 1/31/38 Water at Grade 8.21

Data Transcribed By A. M. Checked By A. M.

Remarks:

10' water level
sand and gravel

Note: See explanatory notes on
first page of this Book

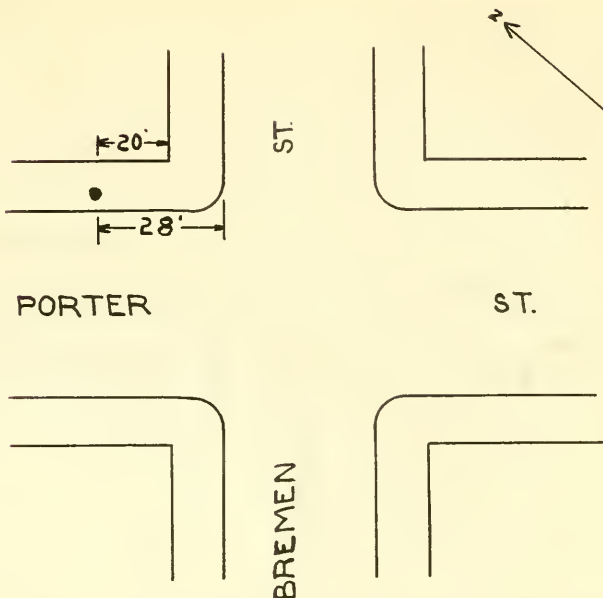
Date of Report 4/29/40

Approved By L. B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Porter Street, 28' W of
Bremen St.

Station
No. 1-23



Sketch Drawn By J.D.M.&C. Checked By J.P. Scale None

Well Installed 7/1/36 Depth 15' Grade Top of Well 15.851

Readings taken over period from 8/11/36 to 3/18/39 and from 3/11/40 to date

First reading taken 8/11/36 Water at Grade 1.39

Latest reading taken 10/21/40 Water at Grade 2.64

LOWEST READING OVER ENTIRE PERIOD: 8/20/38 Water at Grade 1.15

HIGHEST READING OVER ENTIRE PERIOD: 7/9/40 Water at Grade 4.14

Data Transcribed By C.M. Checked By A.M.

Remarks:

5' water
16' sand, fill, peat
16' beach sand
15' well

Note: See explanatory notes on
first page of this Book

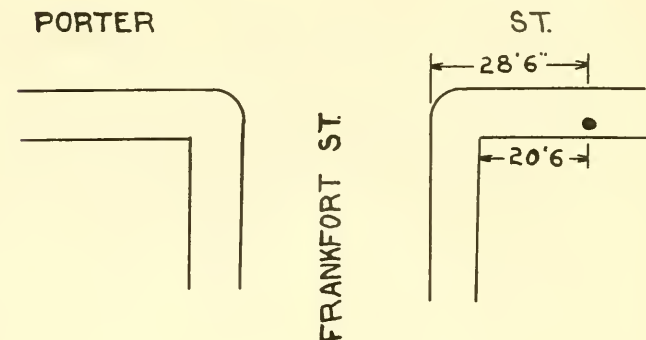
Date of Report 10/21/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S. side of Porter 28' E of Frankfort
St.

Station
No. 1-25



Sketch Drawn By J. D. M. E. C. Checked By H. P. Scale None

Well Installed 7/2/36 Depth 20' Grade Top of Well 17.914

Readings taken over period from 8/10/36 to 4/17/39 and from 4/18/40 to date

First Reading taken 8/10/36 Water at Grade 4.12

Latest reading taken 10/21/40 Water at Grade 4.58

LOWEST READING OVER ENTIRE PERIOD: 8/10/36 Water at Grade 4.12

HIGHEST READING OVER ENTIRE PERIOD: 6/21/40 Water at grade 7.95

Data Transcribed By C. M. Checked By A. M.

Remarks:

8' soft clay
0'-15' wet sand
10'-11' water

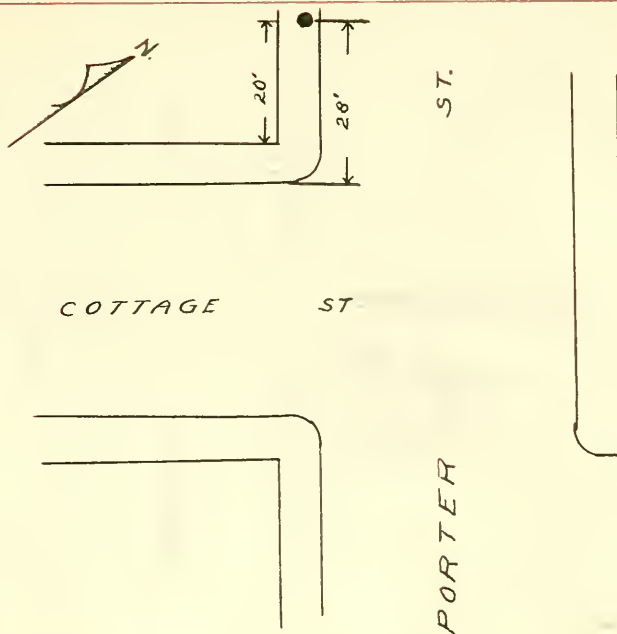
Note: See explanatory notes on
first page of this Book

Date of Report 10/21/40

Approved By L. B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Porter Street 28' W of Cottage St. Station No. 1-26



Sketch Drawn By J.L. Checked By H.P. Scale None.

Well Installed 7/8/36 Depth _____ Grade Top of Well 16.304

Readings taken over period from 8/10/36 to 2/12/39 and from 3/11/40 to date

First reading taken 8/10/36 Water at Grade 7.90

Latest reading taken 7/15/40 Water at Grade Dry.

LOWEST READING OVER ENTIRE PERIOD: 8/31/36 Water at Grade 7.05

HIGHEST READING OVER ENTIRE PERIOD: 4/14/37 Water at Grade 9.64

Data Transcribed By C.M. Checked By A.M.

Remarks:

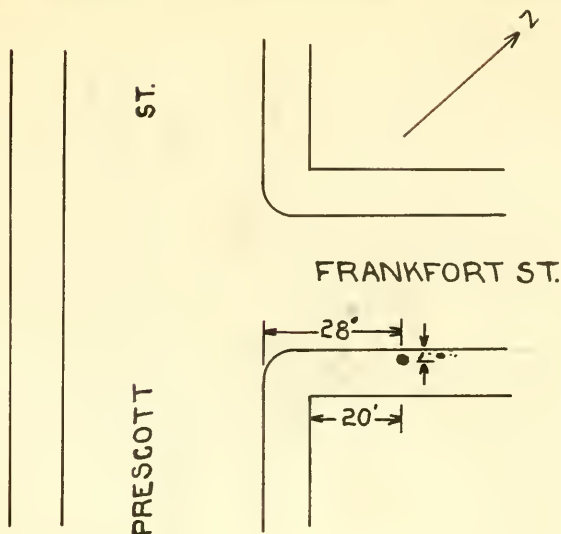
6' water in well
9' water
15' well
15' ashes and fill
20' mud and sand

Note: See explanatory notes on first page of this Book

Date of Report 7/15/40

Approved By L.B.

Location: E side of Frankfort St. 28' N of Prescott St.

Station
No. 1-32Sketch Drawn By J.D.M:c. Checked By _____ Scale NoneWell Installed 7/10/36 Depth 15' Grade Top of Well 16.991Readings taken over period from 8/11/36 to 2/18/39 and from 4/24/40 to dateFirst reading taken 8/11/36 Water at Grade 9.74Latest reading taken 8/29/40 Water at Grade 7.70LOWEST READING OVER ENTIRE PERIOD: 5/23/38 Water at Grade 6.57HIGHEST READING OVER ENTIRE PERIOD: 8/11/36 Water at Grade 9.74Data Transcribed By C.M. Checked By A.M.

Remarks:

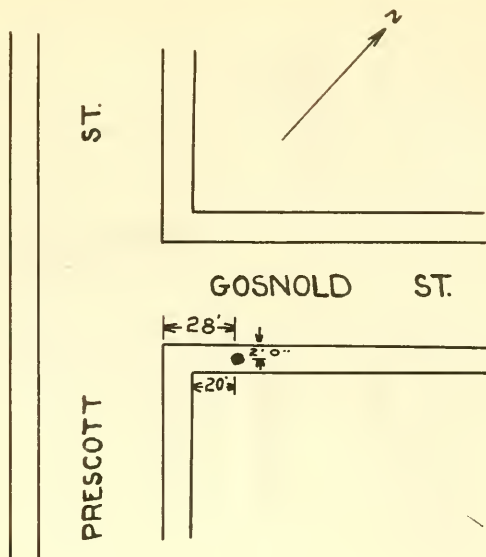
1'-5' fill (ashes)
 5'-10' sand & gravel
 11' water
 10'-15' sand & mud

Note: See explanatory notes on
first page of this BookDate of Report 8/29/40Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S.E. side of Gosnold St. 28' N.E. of
Prescott Street.

Station
No. 1-33



Sketch Drawn By J. O. McC. Checked By H. P. Scale None

Well Installed 7/10/36 Depth 15' Grade Top of Well 16.631

Readings taken over period from 8/11/36 to 2/18/39 and from 3/12/40 to date

First reading taken 8/11/36 Water at Grade 2.05

Latest reading taken 10/21/40 Water at Grade 7.17

LOWEST READING OVER ENTIRE PERIOD: 4/12/37 Water at Grade 6.29

HIGHEST READING OVER ENTIRE PERIOD: 10/21/40 Water at Grade 9.46

Data Transcribed By C. M. Checked By A. M.

Remarks:

1-6" hard gravel
6'-10' gravel
10'-13' gravel
13' clay
9' water

Note: See explanatory notes on
first page of this Book

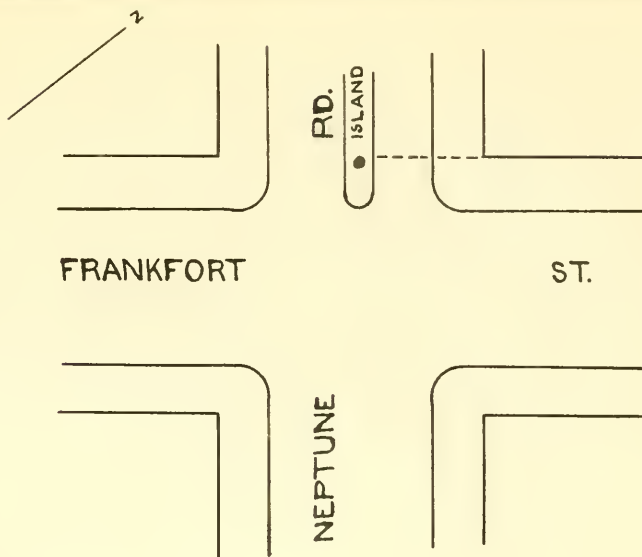
Date of Report 10/21/40

Approved By L. S.

REPORT ON GROUND WATER LEVEL STATION

Location: On P.C. of Island at Neptune Rd. & Frankfort St.

Station No. 1-35



Sketch Drawn By J.D.M.C. Checked By N.P. Scale None

Well Installed 7/13/36 Depth 15' Grade Top of Well 16.614

Readings taken over period from 8/12/36 to 1/7/39 and from 3/19/40 to date

First reading taken 8/12/36 Water at Grade 6.70

Latest reading taken 10/21/40 Water at Grade Plugged

LOWEST READING OVER ENTIRE PERIOD: 4/12/37 Water at Grade 5.95

HIGHEST READING OVER ENTIRE PERIOD: 8/26/40 Water at Grade 9.88

Data Transcribed By C.M. Checked By A.M.

Remarks:

1-10' dirt
10'-15' clay

Note: See explanatory note on first page of this Book

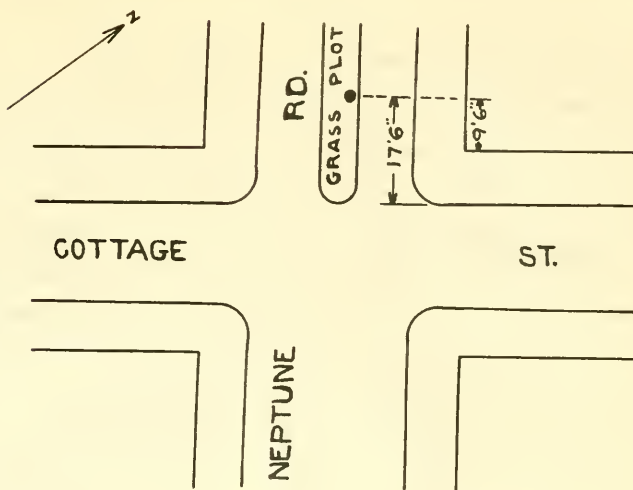
Date of Report 10/21/40

approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: Cottage St. & Neptune Rd. S. side of
Grass Plot on P.C.

Station
No. 1-36



Sketch Drawn By J.D.M.C. Checked By K.P. Scale None

Well Installed 7/22/36 Depth 15'-6" Grade Top of Well 16.581

Readings taken over period from 8/12/36 to 11/2/39 and from 3/1/40 to date

First reading taken 8/12/36 Water at Grade 7.87

Latest reading taken 10/21/40 Water at Grade Plugged

LOWEST READING OVER ENTIRE PERIOD: 4/28/37 Water at Grade 5.24

HIGHEST READING OVER ENTIRE PERIOD: 3/19/40 Water at Grade 14.50

Data Transcribed By C.M. Checked By A.M.

Remarks:

7'-6" sand & gravel
7'-6" to 12'-6" loam
10'-6" water level

Note: See explanatory notes on
first page of this Book

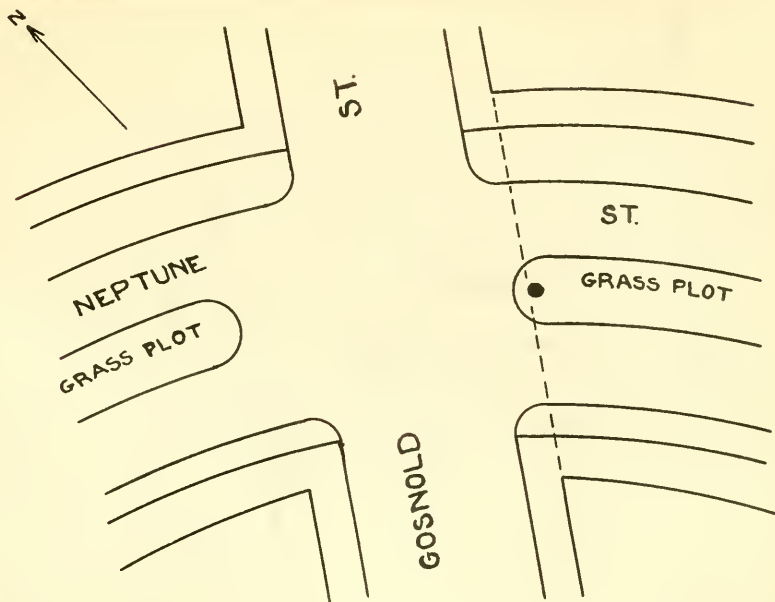
Date of Report 10/21/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Grass plott which is on East
Extension of Neptune Rd.

Station
No. 1-39



Sketch Drawn By J.D.M.S.C. Checked By J.P. Scale None

Well Installed 7/22/36 Depth 15'-6" Grade Top of Well 12.741

Readings taken over period from 8/11/36 to 2/18/39 and from 3/12/40 to date

First reading taken 8/11/36 Water at Grade 8.26

Latest reading taken 10/21/40 Water at Grade Dry.

LOWEST READING OVER ENTIRE PERIOD: 8/19/38 Water at Grade 7.89

HIGHEST READING OVER ENTIRE PERIOD: 5/12/37 Water at Grade 15.99

Data Transcribed By C.M. Checked By A.M.

Remarks:

7'-6" sand & gravel
7'-6" to 12'-6" loam
10'-6" water level

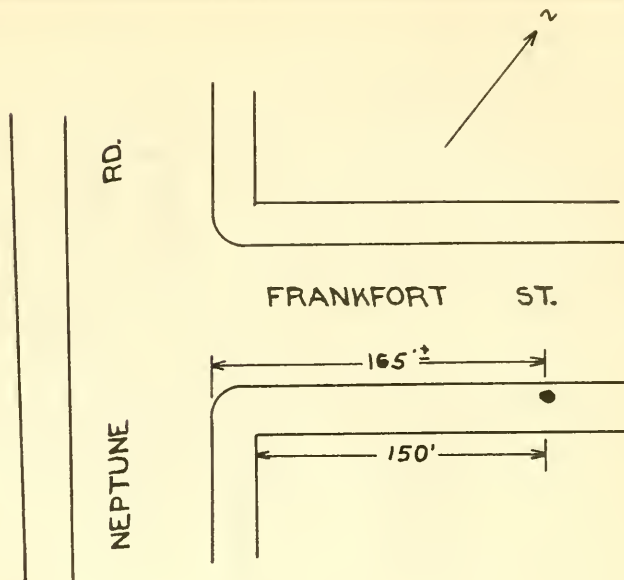
Note: See explanatory notes on
first page of this Book

Date of Report 10/21/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Frankfort St. 150' N of Neptune Road Station No. 1-40A



Sketch Drawn By J.D.M.C. Checked By J.P. Scale None

Well Installed 7/21/36 Depth 15'-6" Grade Top of Well 15.697

Readings taken over period from 8/12/36 to 2/18/39 and from 3/12/40 to date

First reading taken 8/12/36 Water at Grade 2.02

Latest reading taken 10/22/40 Water at Grade 7.28

LOWEST READING OVER ENTIRE PERIOD: 3/26/40 Water at Grade 6.38

HIGHEST READING OVER ENTIRE PERIOD: 4/22/40 Water at Grade 8.24

Data Transcribed By C.M. Checked By G.M.

Remarks:

7'-6" sand & gravel
7'-6" to 12'-6" muck

Note ; See explanatory notes on first page of this Book

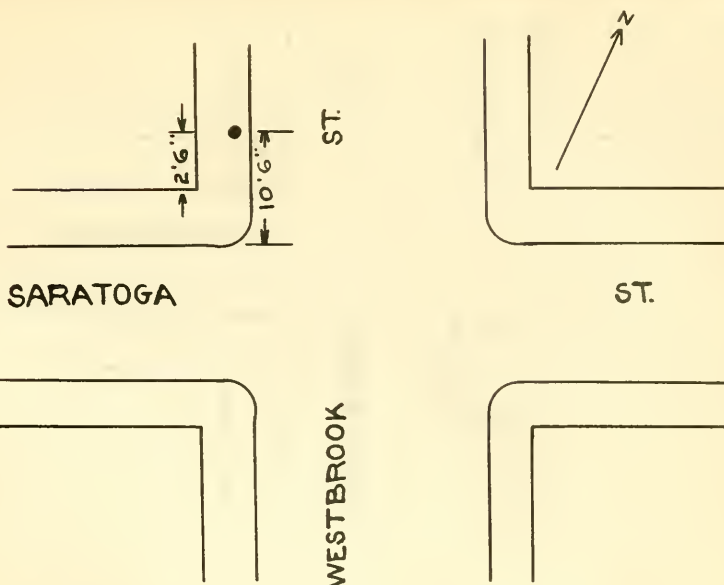
Date of Report 10/22/40

Approved By L.B.

REPORT OF GROUND WATER LEVEL STATION

Location: W side of Westbrook St. 10' N of
Saratoga Street

Station
No. 1-48



Sketch Drawn By J.O.M.C. Checked By H.P. Scale None

Well Installed 7/22/36 Depth 15' Grade Top of Well 17.884

Readings taken over period from 8/12/36 to 2/18/39 and from 3/6/40 to date

First reading taken 8/12/36 Water at Grade 6.38

Latest reading taken 10/22/40 Water at Grade Plugged

LOWEST READING OVER ENTIRE PERIOD: 5/19/37 Water at Grade 6.22

HIGHEST READING OVER ENTIRE PERIOD: 4/22/40 Water at Grade 10.80

Data Transcribed By C.M. Checked By C.M.

Remarks:

hard clay

Note: See explanatory notes on
first page of this Book

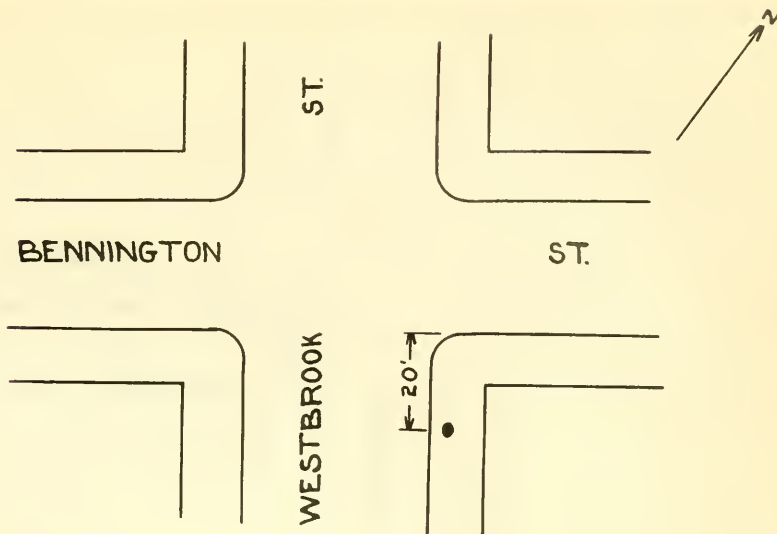
Date of Report 10/22/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Westbrook St. 20' S of
Bennington St.

Station
No. 1-48A



Sketch Drawn By J.D.M.C. Checked By H.P. Scale None

Well Installed 7/22/36 Depth 15' Grade Top of Well 14.649

Readings taken over period from 8/12/36 to 11/3/39 and from 3/25/40 to date

First reading taken 8/12/36 Water at Grade 11.52

Latest reading taken 10/22/40 Water at Grade 8.07

LOWEST READING OVER ENTIRE PERIOD: 4/12/37 Water at Grade 5.82

HIGHEST READING OVER ENTIRE PERIOD: 4/17/40 Water at Grade 12.36

Date Transcribed By C.M. Checked By A.M.

Remarks:

10' sand & gravel

Note: See explanatory notes on
first page of this Book

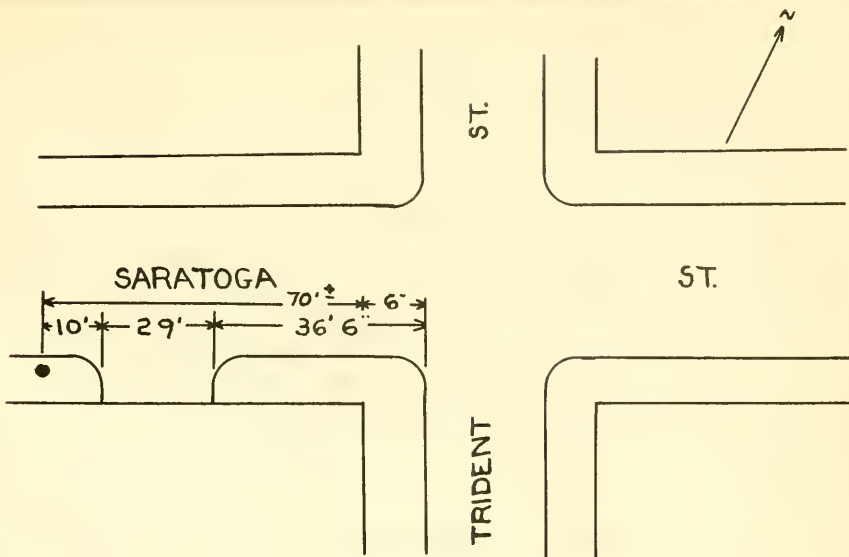
Date of Report 10/22/40

Approved L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Saratoga St. 75'-6" W of
Trident Street

Station
No. 1-50



Sketch Drawn By J.D.M.S.C. Checked By H.P. Scale None

Well Installed 7/21/36 Depth 15' Grade Top of Well 15.164

Readings taken over period from 9/11/36 to 11/7/39 and from 3/20/40 to date

First reading taken 9/11/36 Water at Grade 11.08

Latest reading taken 10/22/40 Water at Grade 12.49

LOWEST READING OVER ENTIRE PERIOD: 2/25/37 Water at Grade 6.83

HIGHEST READING OVER ENTIRE PERIOD: 4/4/40 Water at Grade 13.74

Data Transcribed By A.M. Checked By A.M.

Remarks:

hard clay

Note: See explanatory notes on
first page of this Book

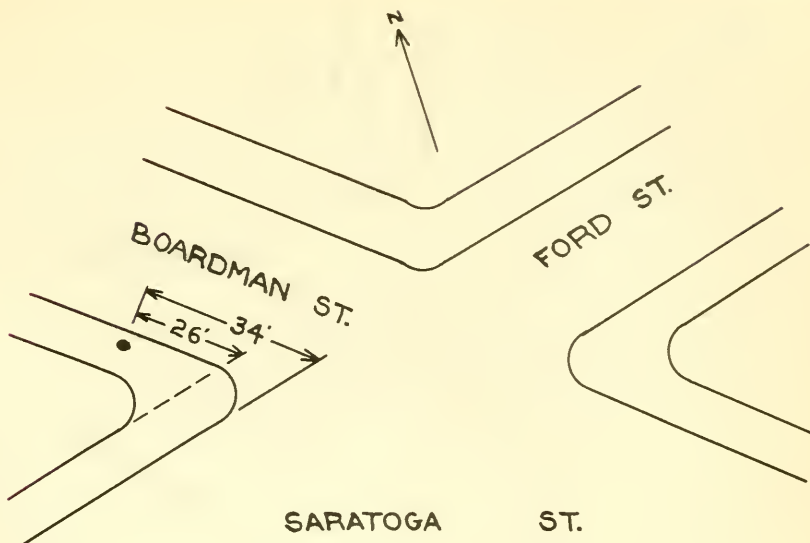
Date of Report 10/22/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Boardman St. 34' W of
Saratoga & Ford Streets

Station
No. 1-51



Sketch Drawn By J.O.M.C. Checked By J.P. Scale None

Well Installed 7/21/36 Depth 20' Grade Top of Well 14.639

Readings taken over period from 8/17/36 to 3/18/39 and from 3/20/40 to Date

First reading taken 8/17/36 Water at Grade 2.93

Latest reading taken 10/22/40 Water at Grade 3.22

LOWEST READING OVER ENTIRE PERIOD: 8/19/38 Water at Grade 3.84

HIGHEST READING OVER ENTIRE PERIOD: 3/20/40 Water at Grade 13.56

Data Transcribed By C.M. Checked By A.M.

Remarks:

15'-20' hard clay

Note: See explanatory notes on
first page of this Book

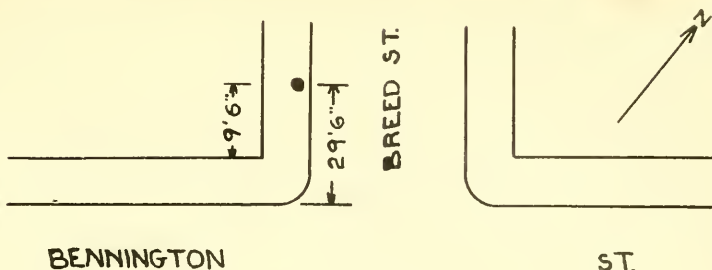
Date of Report 10/22/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Breed St. 29' N of Bennington
Street

Station
No. 1-52



SARATOGA ST.

Sketch Drawn By J.D.M.C. Checked By J.P. Scale None

Well Installed 7/2/36 Depth 20' Grade Top of Well 23.696

Readings taken over period from 8/17/36 to 5/18/39 and from 3/6/40 to date

First reading taken 8/17/36 Water at Grade 5.15

Latest reading taken 10/22/40 Water at Grade 5.12

LOWEST READING OVER ENTIRE PERIOD: 8/1/40 Water at Grade 4.91

HIGHEST READING OVER ENTIRE PERIOD: 9/22/37 Water at Grade 12.45

Data Transcribed By C.M. Checked By G.M.

Remarks:

5'-10' sand & gravel
15' clay
17' water level

Note: See explanatory notes on first page of this Book

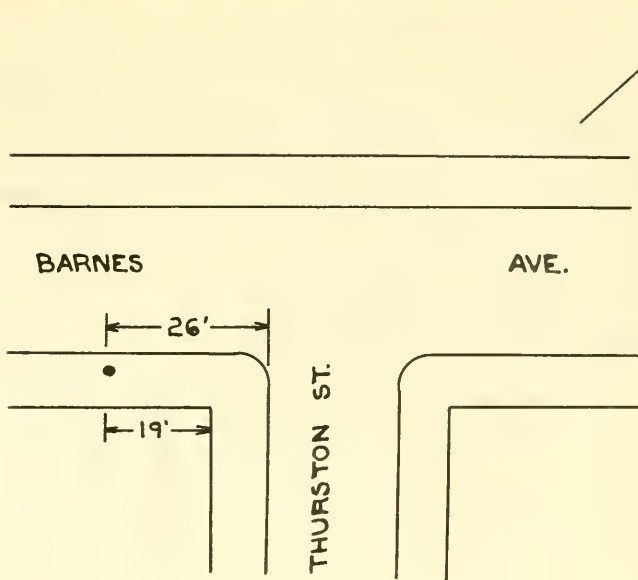
Date of Report 10/23/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Barnes St. 26' W of Thurston
Street

Station
No. 1-53



Sketch Drawn By J.D.M.C. Checked By J.P. Scale None

Well Installed 7/10/36 Depth 15' Grade Top of Well 16.717

Readings taken over period from 8/17/36 to 2/11/39 and from 4/21/40 to date

First reading taken 8/17/36 Water at Grade 10.30

Latest reading taken 10/22/40 Water at Grade 9.68

LOWEST READING OVER ENTIRE PERIOD: 10/23/40 Water at Grade 9.68

HIGHEST READING OVER ENTIRE PERIOD: 4/20/37 Water at Grade 12.05

Data Transcribed By C.M. Checked By A.M.

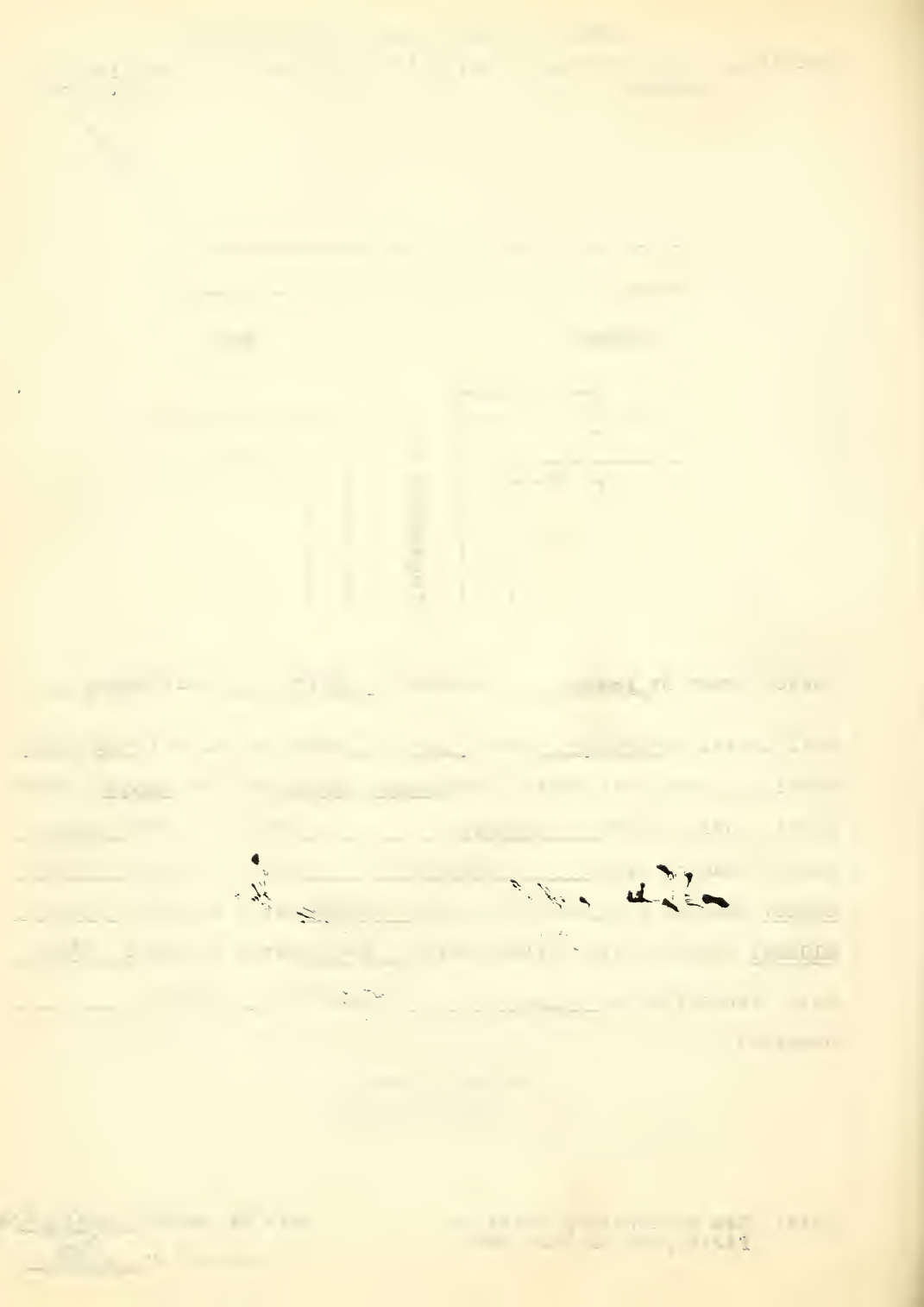
Remarks:

9' water level
sand & gravel

Note: See explanatory notes on
first page of this Book

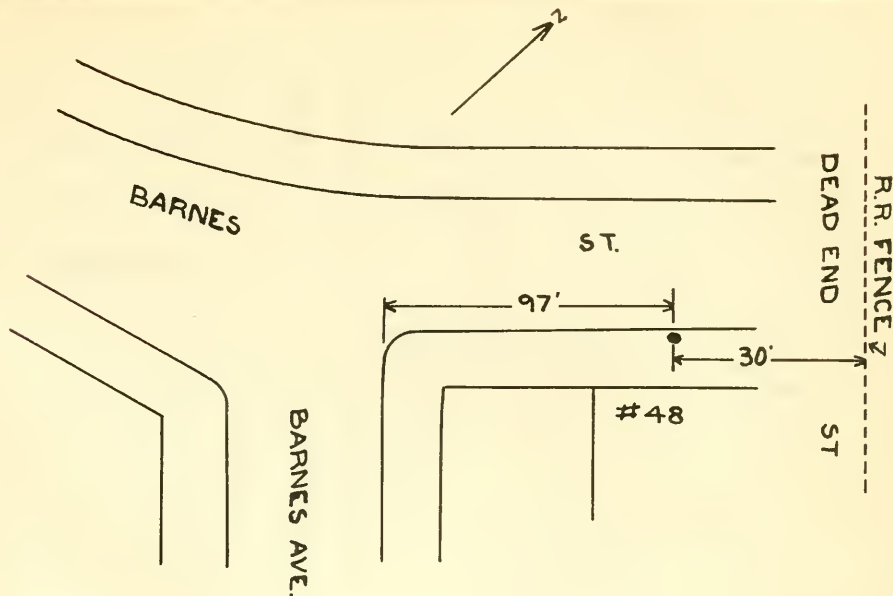
Date of Report 10/22/40

Approved By L.B.



REPORT OF GROUND WATER LEVEL STATION

Location: S side of Barnes St. 97' E of Barnes Ave. Station
in front of #48 Barnes Street No. 1-54A



Sketch Drawn By J.D.M.S.C. Checked By 26 P. Scale None

Well Installed 7/20/36 Depth 15' Grade Top of Well 12.295

Readings taken over period from 8/17/36 to 1/2/39 and from 3/6/40 to date

First reading taken 8/17/36 Water at Grade 2.51

Latest reading taken 10/22/40 Water at Grade 7.35

LOWEST READING OVER ENTIRE PERIOD: 8/19/38 Water at Grade 7.15

HIGHEST READING OVER ENTIRE PERIOD: 6/14/37 Water at Grade 9.93

Data Transcribed By C.M. Checked By G.1.M.

Remarks:

9' water
15' sand & gravel

Note: See explanatory notes on
first page of this Book

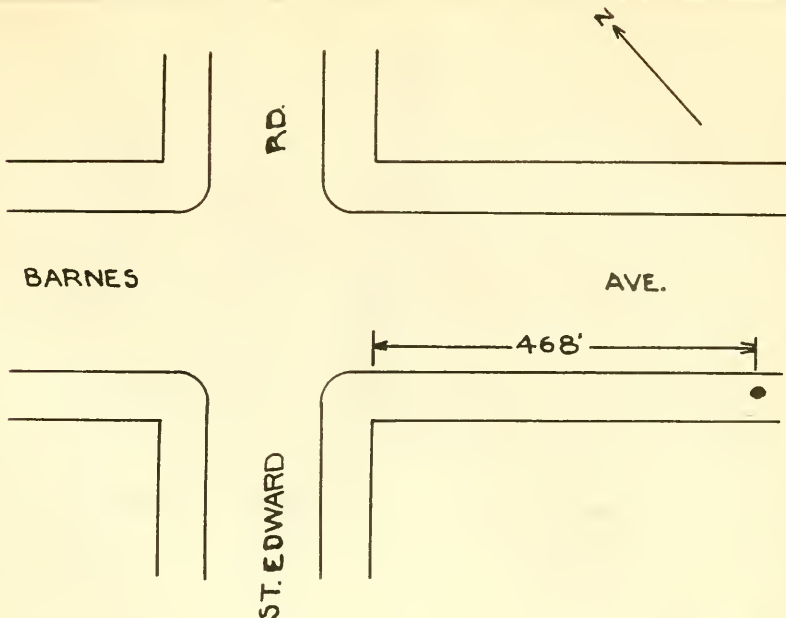
Date of Report 10/22/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Barnes Ave. 468' E of St.
Edward Road

Station
No. 1-55A



Sketch Drawn By J.D.M.C. Checked By J.G.P. Scale None

Well Installed 7/14/36 Depth _____ Grade Top of Well 16.655

Readings taken over period from 8/12/36 to 2/12/39 and from 3/12/40 to date

First reading taken 8/12/36 Water at Grade 7.66

Latest reading taken 10/22/40 Water at Grade 7.24

LOWEST READING OVER ENTIRE PERIOD: 11/2/37 Water at Grade 7.08

HIGHEST READING OVER ENTIRE PERIOD: 4/25/41 Water at Grade 8.66

Data Transcribed By A.M. Checked By A.M.

Remarks:

8' water level
sand fill

Note: See explanatory notes on
first page of this Book

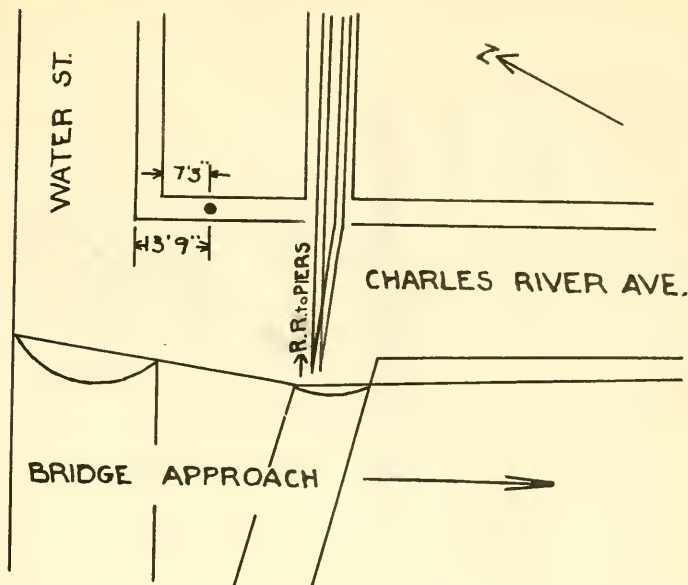
Date of Report 10/22/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Charles River Ave. 14' S of
Water St.

Station
No. 2-02



Sketch Drawn by J.O.M.C. Checked by J.C. Scale None

Well Installed 7/28/36 Depth 12' Grade Top of Well 15.683

Readings taken over period from 8/19/36 to 2/23/39 and from 3/5/40 to date

First reading taken 8/19/36 Water at Grade 9.93

Latest reading taken 10/29/40 Water at Grade 10.10

LOWEST READING OVER ENTIRE PERIOD: 11/5/37 Water at Grade 8.86

HIGHEST READING OVER ENTIRE PERIOD: 3/29/37 Water at Grade 10.68

Data Transcribed By C.F. Checked by A.M.

Remarks:

8' Water
12' Fill
12' over compact clay

Note: See explanatory notes on
first page of this Book

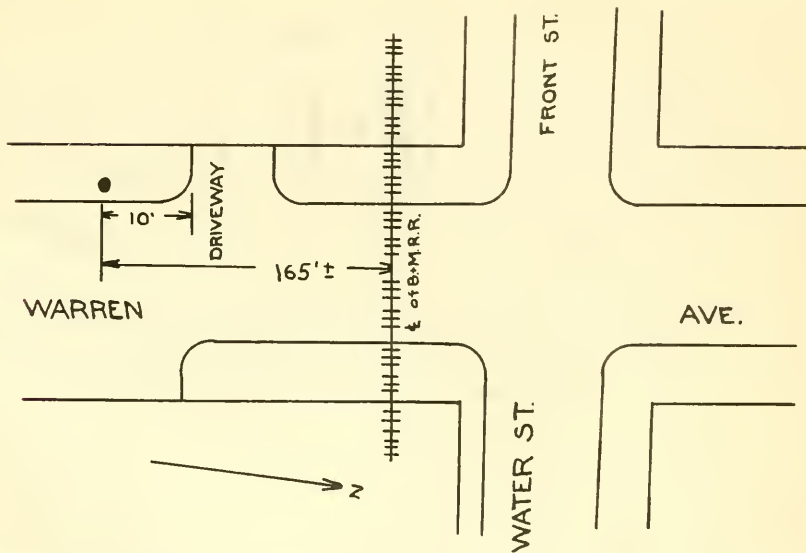
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Warren Ave. 10' S of Driveway
S of Front St.

Station No. 2-04



Sketch Drawn By J.D.M.C. Checked By J.C. Scale None

Well Installed 7/28/36 Depth 15'-6" Grade Top of well 15.623

Readings taken over period from 8/19/36 to 3/23/39 and from 4/9/40 to date

First reading taken 8/19/36 Water at Grade 3.42

Latest reading taken 10/29/40 Water at Grade 9.62

LOWEST READING OVER ENTIRE PERIOD: 12/14/37 Water at Grade 2.54

HIGHEST READING OVER ENTIRE PERIOD: 11/16/37 Water at Grade 11.74

Data Transcribed By G.F. Checked By A.M.

Remarks:

7'-6" sand gravel
7'-6" to 12'-6" marine sand
10'-6" water level

Note: See explanatory notes on first page of this Book

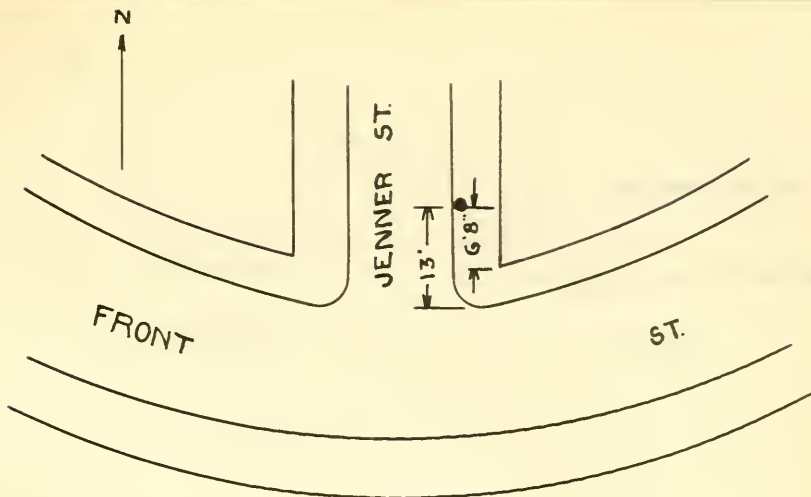
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Jenner St. 13' N of Front St.

Station No. 2-05



Sketch Drawn By J.D.M:c. Checked By J.C. Scale None

Well Installed 7/29/36 Depth 15'-6" Grade Top of Well 15.244

Readings taken over period from 8/19/36 to 12/17/38 and from 3/4/40 to date

First reading taken 8/19/36 Water at Grade 8.16

Latest reading taken 10/29/40 Water at Grade PLUGGED

LOWEST READING OVER ENTIRE PERIOD: 11/5/37 Water at Grade 7.01

HIGHEST READING OVER ENTIRE PERIOD: 6/13/40 Water at Grade 10.61

Data Transcribed By G.F. Checked By AM.

Remarks:

7'-6" sand and gravel
7'-6" to 12'-6" sand and gravel
11'-6" water level
12'-6" clay

Note: See explanatory notes on first page of this Book

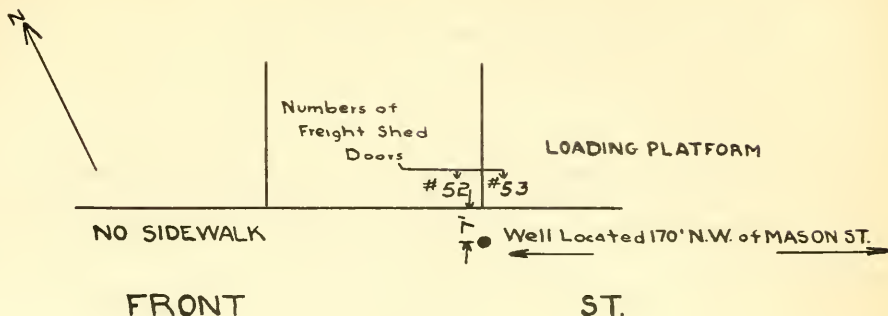
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Front St. bet. 52 & 53 Front St. Station
(170' N.W. of Mason St.)

No. 2-06



Sketch Drawn By J.D.M.C. Checked By J.C. Scale None

Well Installed 7/29/36 Depth 12'-6" Grade Top of Well 15.809

Readings taken over period from 8/19/36 to 2/23/39 and from 3/11/40 to date

First reading taken 8/19/36 Water at Grade 9.77

Latest reading taken 10/29/40 Water at Grade 8.89

LOWEST READING OVER ENTIRE PERIOD: 3/16/37 Water at Grade 8.15

HIGHEST READING OVER ENTIRE PERIOD: 5/11/40 Water at Grade 10.81

Data Transcribed By G.F. Checked by AM.

Remarks:

7'-6" sand and gravel
7'-6" to 12'-6" sand and gravel
9'-6" Water level

Note: See explanatory notes on first page of this Book

Date of Report 10/29/40

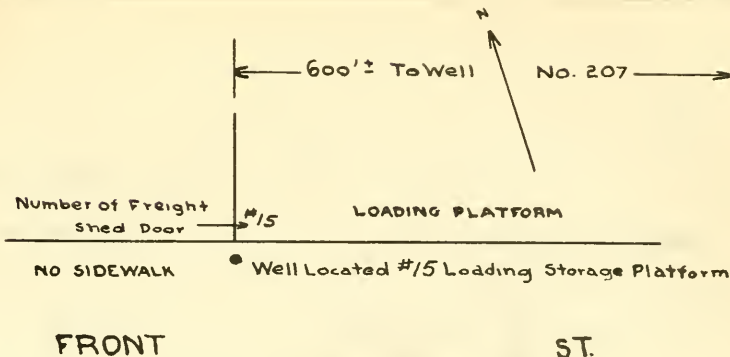
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Front Street in front of #15

Station

NO. 2-08



Sketch Drawn By J.D.msc. Checked by J.C. Scale None

Well Installed 8/3/36 Depth 15'-6" Grade Top of Well 16.370

Readings taken over period from 8/14/36 to 2/23/39 and from 3/11/40 to date

First reading taken 8/19/36 Water at Grade 12.18

Latest reading taken 10/29/40 Water at Grade 9.70

LOWEST READING OVER ENTIRE PERIOD: 3/16/37 Water at Grade 7.79

HIGHEST READING OVER ENTIRE PERIOD: 1/28/38 Water at Grade 12.45

Data Transcribed By G.F. Checked By A.M.

Remarks:

7'-6" sand and gravel
7'-6" to 12'-6" sand and gravel
12'-6" to 15'-6" marine clay
10'-6" water level

Note: See explanatory notes on first page of this Book

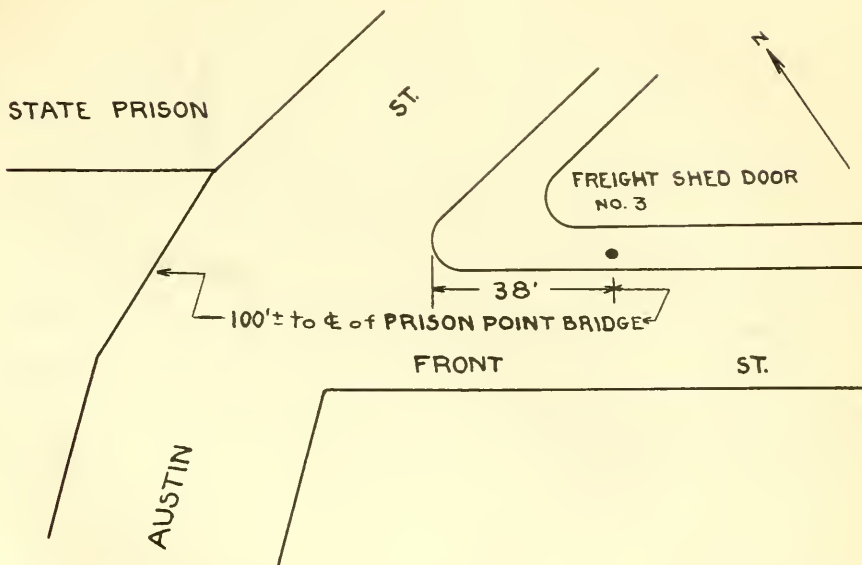
Date of report 10/29/40

Approved By L.B.

REPORT OF GROUND WATER LEVEL STATION

Location: N side of Front St. 10' E of Austin St.

Station No. 2-09



Sketch Drawn By J.O.M.C. Checked By J.C. Scale None

Well Installed 8/4/36 Depth 12'-6" Grade Top of Well 16.665

Readings taken over period from 8/19/36 to 2/23/39 and from 3/5/40 to date

First reading taken 8/19/36 Water at Grade 10.87

Latest reading taken 10/29/40 Water at Grade 10.75

LOWEST READING OVER ENTIRE PERIOD: 10/20/38 Water at Grade 9.72

HIGHEST READING OVER ENTIRE PERIOD: 3/19/40 Water at Grade 13.99

Data Transcribed By G.F. Checked By A.M.

Remarks:

7'-6" sand and gravel
7'-6" to 12'-6" marine clay
9'-6" water level

Note: See explanatory notes on first page of this Book

Date of Report 10/29/40

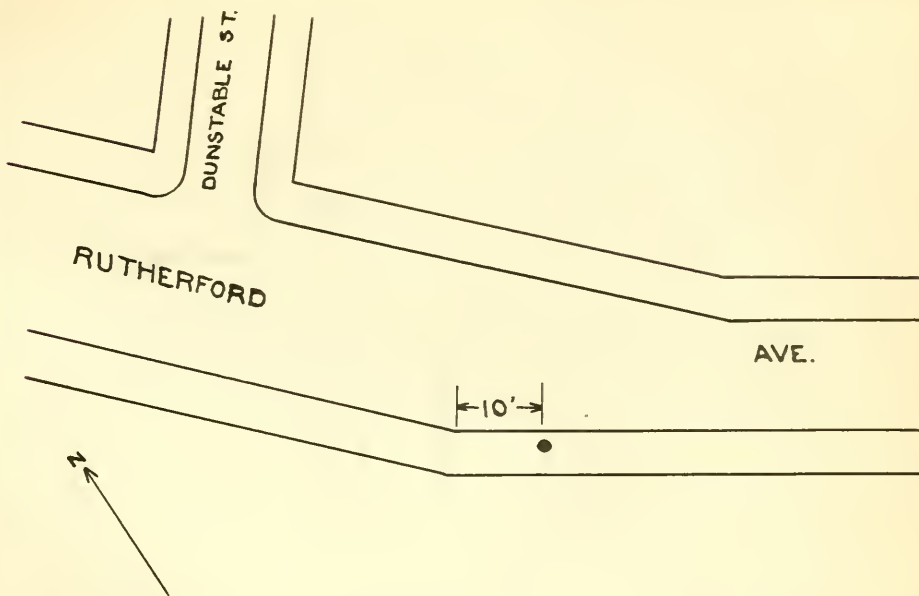
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Rutherford Ave. 10' S of Angle
of Dunstable St.

Station
No.

2-10



Sketch Drawn By J.D.Mec. Checked By J.C. Scale None

Well Installed 7/28/36 Depth 15' Grade Top of Well 16.600

Readings taken over period from 8/19/36 to 2/23/39 and from 3/11/40 to date

First reading taken 8/19/40 Water at Grade 5.35

Latest reading taken 10/29/40 Water at Grade 8.18

LOWEST READING OVER ENTIRE PERIOD: 1/20/38 Water at Grade 5.02

HIGHEST READING OVER ENTIRE PERIOD: 10/5/37 Water at Grade 10.02

Data Transcribed By B.F. Checked By A.M.

Remarks:

1'- to 15' fill (dirt and ashes)
11' water

Note: See explanatory notes on
first page of this Book

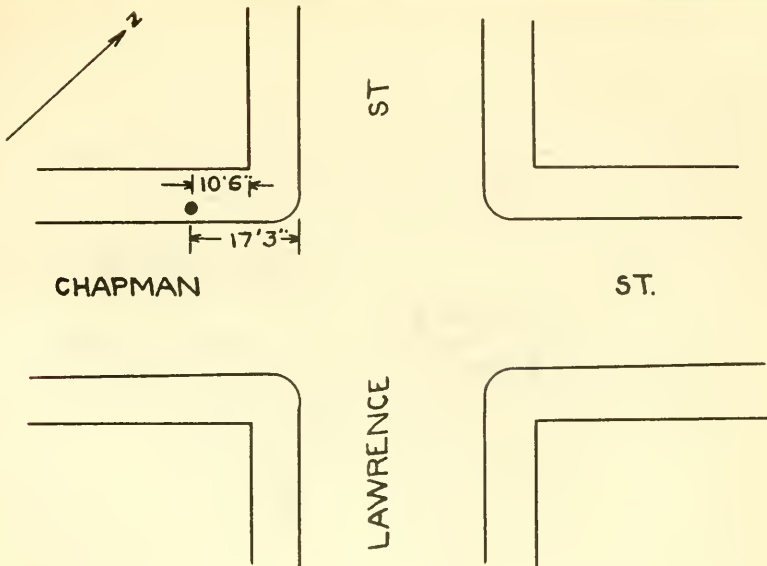
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N.W. side of Chapman St. 17' S.W. of
Lawrence St.

Station
No. 2-11



Sketch Drawn By J.O.M.C. Checked By J.C. Scale None

Well Installed 7/27/36 Depth 15' Grade Top of Well 16.778

Readings taken over period from 8/19/36 to 2/23/39 and from 3/11/40 to date

First reading taken 8/19/36 Water at Grade 9.91

Latest reading taken 10/29/40 Water at Grade 8.74

LOWEST READING OVER ENTIRE PERIOD: 4/9/40 Water at Grade 6.86

HIGHEST READING OVER ENTIRE PERIOD: 11/22/37 Water at Grade 10.46

Data Transcribed By G.F. Checked By A.M.

Remarks:

1' to 6' dirt fill
6' to 10' mud
10' to 14' soft clay
14' to 15' hard clay

Note: See explanatory notes on
first page of this Book

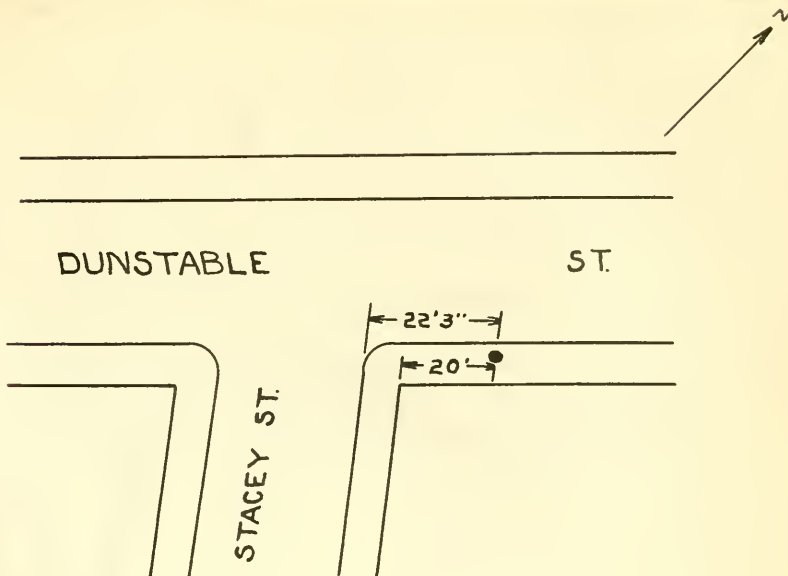
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S.E. side of Dunstable St. 22' N.W. of
Stacey St.

Station
No. 2-12



Sketch Drawn By J.D.M.C. Checked By J.C. Scale None

Well Installed 7/28/36 Depth 15' Grade Top of Well 16.100

Readings taken over period from 8/24/36 to 12/17/38 and from 4/4/40 to date

First reading taken 8/24/36 Water at Grade 11.64

Latest reading taken 10/29/40 Water at Grade 8.47

LOWEST READING OVER ENTIRE PERIOD: 11/5/37 Water at Grade 5.52

HIGHEST READING OVER ENTIRE PERIOD: 4/4/40 Water at Grade 15.77

Data Transcribed By G.F. Checked By A.M.

Remarks:

8' water
1' to 4' dirt
4' to 8' hard sand
8' to 12' soft fill
12' hard clay

Note: See explanatory notes on
first page of this Book

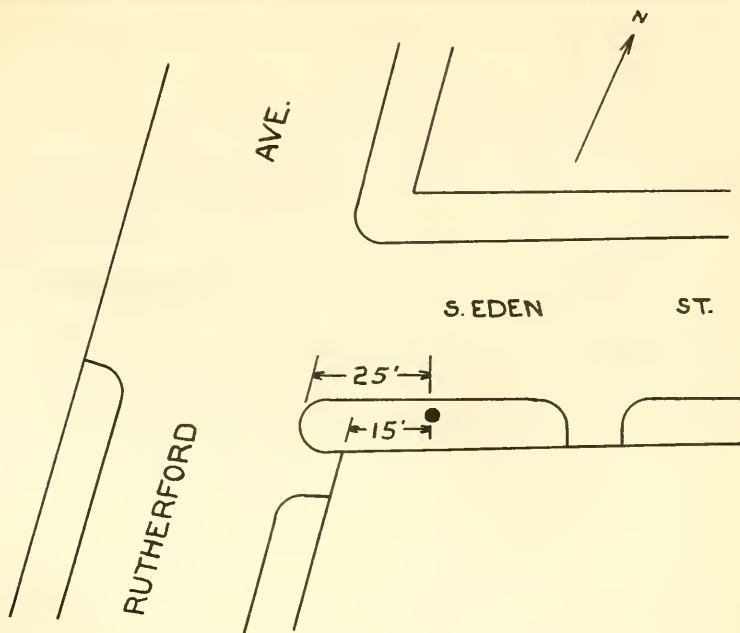
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S.E. side of S. Eden St. 25' N.E. of
Rutherford Ave.

Station
No. 2-13



Sketch Drawn By J.D.M.C. Checked By J.C. Scale None

Well Installed 7/29/36 Depth 15' Grade Top of Well 16.926

Readings taken over period from 8/24/36 to 2/24/39 and from 4/4/40 to date

First reading taken 8/24/36 Water at Grade 6.76

Latest reading taken 10/29/40 Water at Grade 6.60

LOWEST READING OVER ENTIRE PERIOD: 8/2/37 Water at Grade 6.01

HIGHEST READING OVER ENTIRE PERIOD: 5/26/37 Water at Grade 9.84

Data Transcribed By G.F. Checked By A.M.

Remarks:

1' to 10' fill (dirt and ashes)
7' water
10' to 15' sand

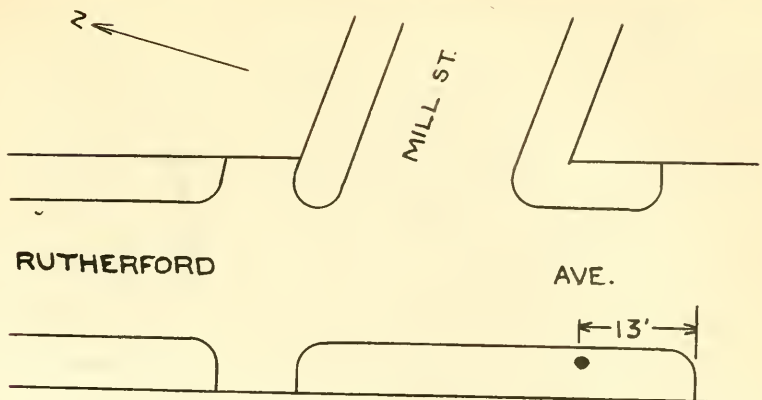
Note: See explanatory notes on
first page of this Book

Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S.W. side of Rutherford Ave. 13' S.E. of Station
 curb diagonally opposite Mill St. No. 2-15



Sketch Drawn By J.D.M.C. Checked By J.C. Scale None

Well Installed 8/3/36 Depth 12 1/2' Grade Top of Well 15.955

Readings taken over period from 8/14/36 to 2/24/39 and from 3/20/40 to date

First reading taken 8/24/36 Water at Grade 9.04

Latest reading taken 10/29/40 Water at Grade 6.71

LOWEST READING OVER ENTIRE PERIOD: 9/27/37 Water at Grade 6.21

HIGHEST READING OVER ENTIRE PERIOD: 5/26/37 Water at Grade 9.87

Data Transcribed By B.F. Checked By A.M.

Remarks:

1' to 5' dirt
 5' to 12 1/2' gravel
 7' water

Note: See explanatory notes on
 first page of this Book

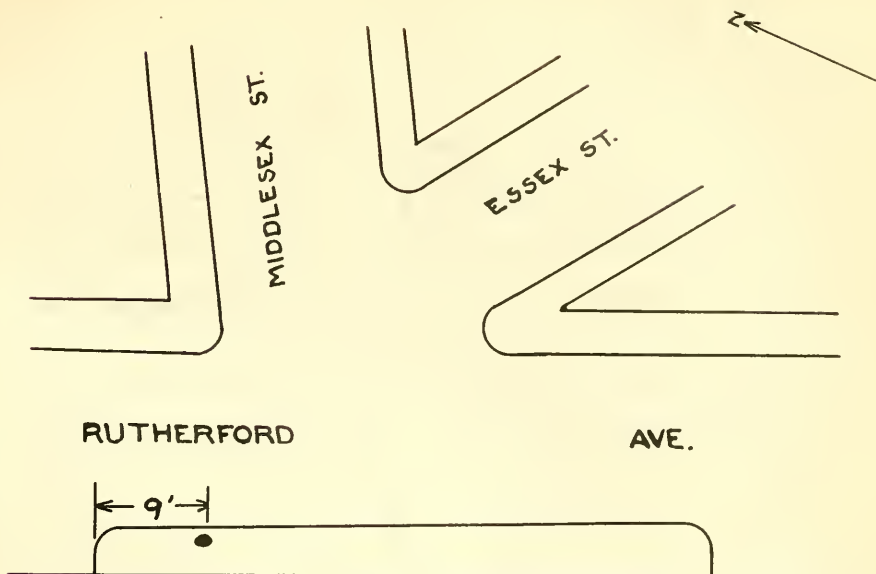
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S.W. side of Rutherford Ave. 9' S.E. of
curb, N side of Middlesex St.

Station
No. 2-16



Sketch Drawn By J.D.M.C. Checked By J.C. Scale None

Well Installed 8/3/36 Depth 15' Grade Top of Well 16.843

Readings taken over period from 8/24/36 to 11/17/38 and from 4/4/40 to date

First reading taken 8/24/36 Water at Grade 6.72

Latest reading taken 10/29/40 Water at Grade 9.13

LOWEST READING OVER ENTIRE PERIOD: 11/30/36 Water at Grade 6.39

HIGHEST READING OVER ENTIRE PERIOD: 6/13/40 Water at Grade 10.76

Data Transcribed By G.F. Checked By A.M.

Remarks:

1' to 15' gravel fill
11' water

Note: See explanatory notes on
first page of this Book

Date of Report 10/29/40

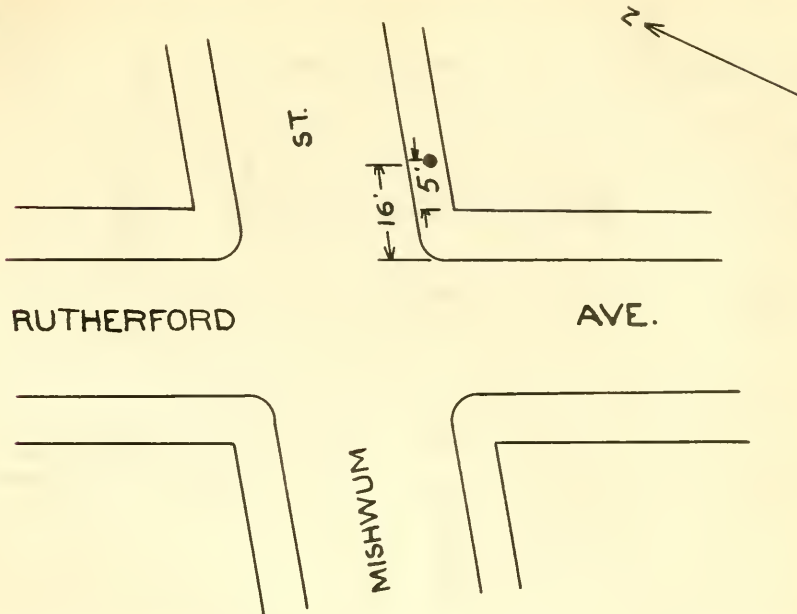
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S.E. side of Mishum St. 16' N.E. of
Rutherford Ave.

Station
No.

2-19



Sketch Drawn By J.D.M.E.C. Checked By J.C. Scale None

Well Installed 7/27/36 Depth 15' Grade Top of Well 16.299

Readings taken over period from 8/24/36 to 2/24/39 and from 4/4/40 to date

First reading taken 8/24/36 Water at Grade 10.97

Latest reading taken 10/29/40 Water at Grade 8.72

LOWEST READING OVER ENTIRE PERIOD: 11/5/37 Water at Grade 6.63

HIGHEST READING OVER ENTIRE PERIOD: 4/4/40 Water at Grade 14.13

Data Transcribed By G.F. Checked By A.M.

Remarks:

Note: See explanatory notes on
first page of this book

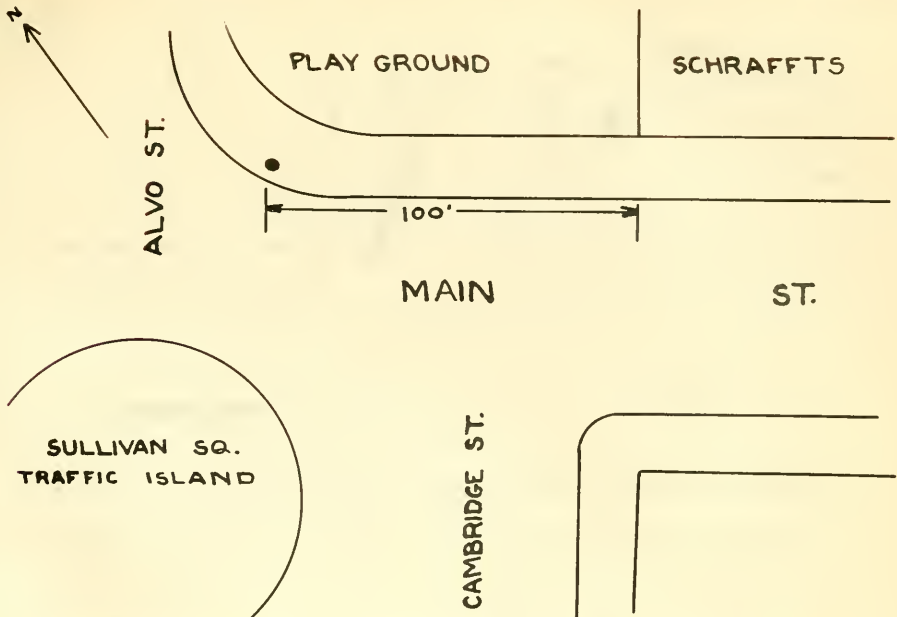
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N.E. side of Main St. 100' N.W. of
Property Line of Schraffts

Station
No. 2-20



Sketch Drawn By J.D.M.S.C. Checked By J.C. Scale None

Well Installed 7/28/36 Depth 15' Grade Top of well 20.405

Readings taken over period from 8/24/36 to 2/24/39 and from 3/11/40 to date

First reading taken 8/24/36 Water at Grade 5.36

Latest reading taken 10/29/40 Water at Grade 6.33

LOWEST READING OVER ENTIRE PERIOD: 8/30/37 Water at Grade 5.15

HIGHEST READING OVER ENTIRE PERIOD: 4/25/40 Water at Grade 8.16

Data Transcribed By B.F. Checked By A.M.

Remarks:

Hard clay
Well dry

Note: See explanatory notes on
first page of this Book

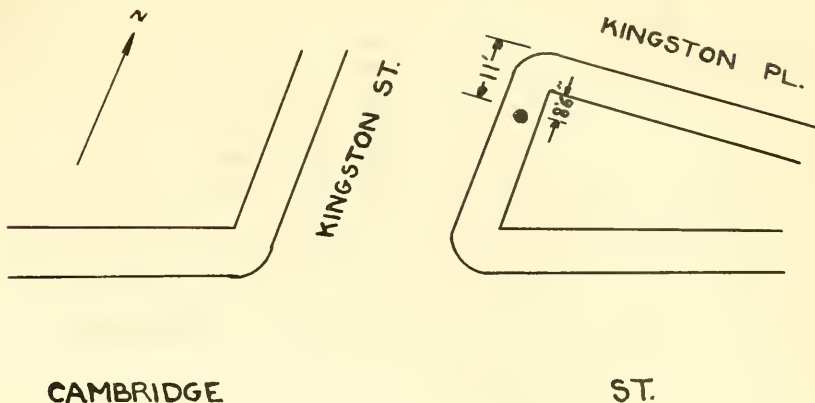
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N.E. side of Kingston St. 11' S.E. of
Kingston Place

Station
No. 2-21



Sketch Drawn By J.D.M.S.C. Checked By J.C. Scale None

Well Installed 7/28/36 Depth 15' Grade Top of Well 24.529

Readings taken over period from 8/24/36 to 3/24/39 and from 3/11/40 to date

First reading taken 8/24/36 Water at Grade 12.53

Latest reading taken 10/29/40 Water at Grade 13.65

LOWEST READING OVER ENTIRE PERIOD: 8/24/36 Water at Grade 12.53

HIGHEST READING OVER ENTIRE PERIOD: 4/24/40 Water at Grade 14.61

Data Transcribed By G.F. Checked By A.M.

Remarks:

sand and gravel

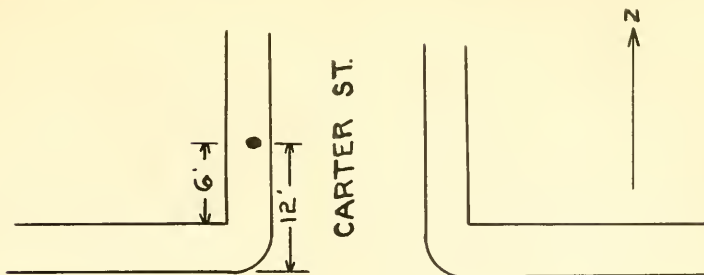
Note: See explanatory notes on
first page of this Book

Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S.W. side of Carter St. 12' N.. of Roland Station
 No. 2-23



ROLAND

ST.

Sketch Drawn By J.D.M.C. Checked By J.C. Scale None

Well Installed 7/29/36 Depth 15' Grade Top of Well 16.016

Readings taken over period from 8/25/36 to 12/17/38 and from 3/26/40 to date

First reading taken 8/25/36 Water at Grade 4.06

Latest reading taken 10/29/40 Water at Grade DRY

LOWEST READING OVER ENTIRE PERIOD: 8/25/36 Water at Grade 4.06

HIGHEST READING OVER ENTIRE PERIOD: 10/13/38 Water at Grade 6.57

Data Transcribed By B.F. Checked By A.M.

Remarks:

8' to 10' clay
 10' to 15' sand and gravel
 10' water level

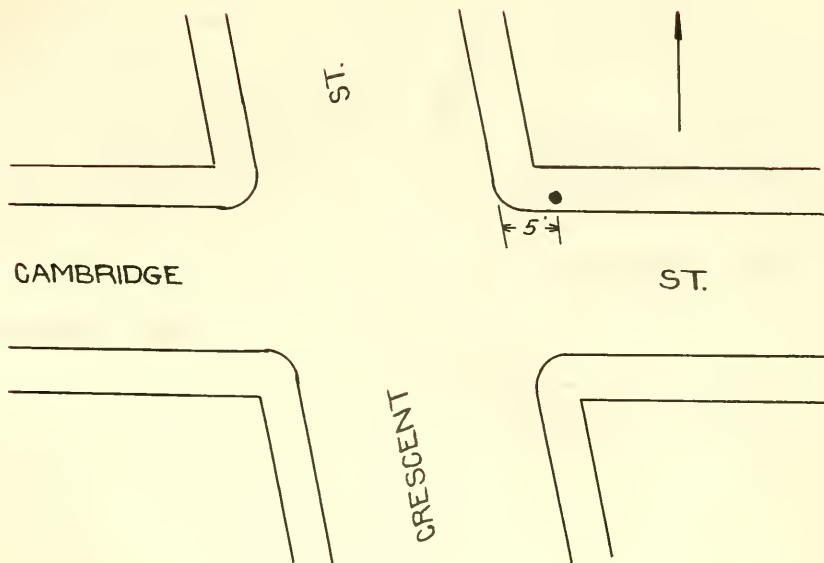
Note: See explanatory notes on first page of this Book

Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Cambridge St. 5' W of Crescent Station
Street No. 2-24



Sketch Drawn By _____ Checked By J.C. Scale _____

Well Installed 7/29/36 Depth 15' Grade Top of Well 16.931

Readings taken over period from 8/25/36 to 1/14/39 and from 3/5/40 to date

First reading taken 8/25/36 Water at Grade 6.93

Latest reading taken 10/29/40 Water at Grade 6.85

LOWEST READING OVER ENTIRE PERIOD: 12/1/36 Water at Grade 5.76

HIGHEST READING OVER ENTIRE PERIOD: 3/11/40 Water at Grade 9.14

Data Transcribed By B.F. Checked By A.M.

Remarks:

7' to 10' clay
10' to 15' sand and gravel
10' water level

Note: See explanatory notes on first page of this Book

Date of Report 10/29/40

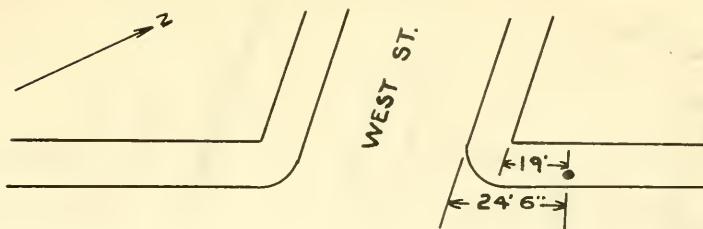
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Alford St. 24' N of West St.

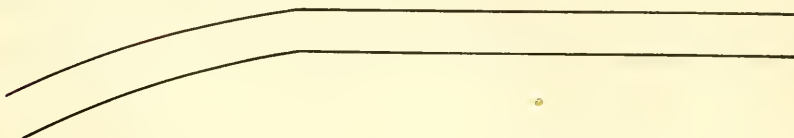
Station

No. 2-25



ALFORD ST.

SULLIVAN SQ.



Sketch Drawn By J.D.M.C. Checked By J.C. Scale None

Well Installed 8/3/36 Depth 20' Grade Top of Well 21.198'

Readings taken over period from 8/34/36 to 14/17/38 and from 4/9/40 to date

First reading taken 8/24/36 Water at Grade 19.32

Latest reading taken 10/29/40 Water at Grade 10.95

LOWEST READING OVER ENTIRE PERIOD: 3/10/38 Water at Grade 9.12

HIGHEST READING OVER ENTIRE PERIOD: 9/22/38 Water at Grade 12.95

Data Transcribed By B.F. Checked By A.M.

Remarks:

15' water level
sand and gravel

Note: See explanatory notes on first page of this Book

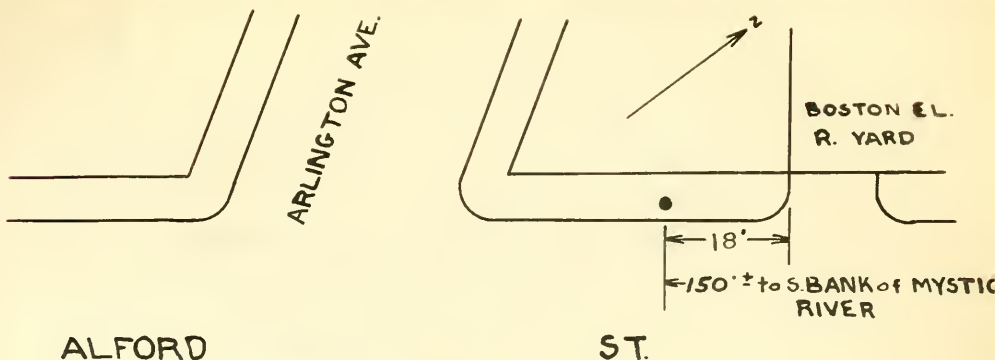
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Alford St. 18' S of Boston
El. R. Yard

Station
No. 2-26



Sketch Drawn By J.O.M:c. Checked By J.C. Scale None

Well Installed 8/3/36 Depth 15' Grade Top of Well 17.066

Readings taken over period from 8/24/36 to 2/24/39 and from 3/5/40 to date

First reading taken 8/24/36 Water at Grade 6.52

Latest reading taken 10/29/40 Water at Grade 6.49

LOWEST READING OVER ENTIRE PERIOD: 11/5/37 Water at Grade 5.07

HIGHEST READING OVER ENTIRE PERIOD: 11/22/37 Water at Grade 7.23

Data Transcribed By B.F. Checked By A.M.

Remarks:

10' water level

Note: See explanatory notes on first page of this Book

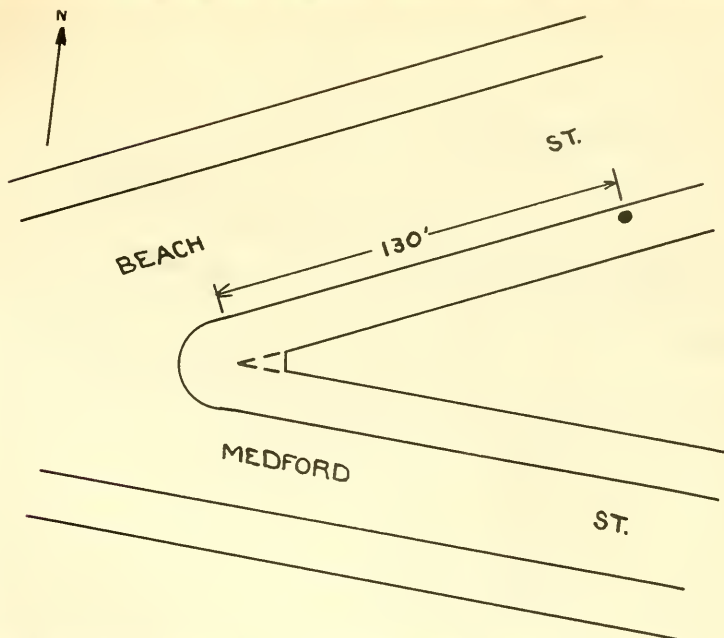
Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S.E. side of Beach St. 130' N.E. of
junction of Medford and Beach Sts.

Station
No. 2-27



Sketch Drawn By J.D.M.S.C. Checked By J.C. Scale None

Well Installed 8/4/36 Depth 15' Grade Top of Well 18.106

Readings taken over period from 8/25/36 to 12/17/38 and from 4/14/40 to date

First reading taken 8/25/36 Water at Grade 14.81

Latest reading taken 10/29/40 Water at Grade 15.86

LOWEST READING OVER ENTIRE PERIOD: 4/25/40 Water at Grade 12.11

HIGHEST READING OVER ENTIRE PERIOD: 6/27/40 Water at Grade 17.94

Data Transcribed By G.F. Checked By AM.

Remarks:

Hard clay

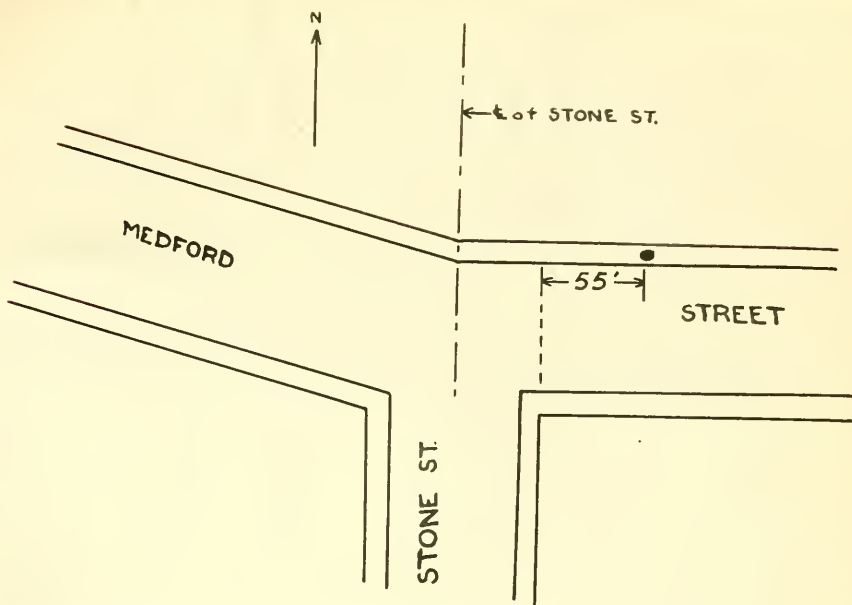
Note: See explanatory notes on
first page of this Book

Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Medford St. 55' E of Stone St. Station No. 2-28



Sketch Drawn By J.D.M.C. Checked By J.C. Scale None

Well Installed 8/5/36 Depth 12'-6" Grade Top of Well 17.669

Readings taken over period from 8/25/36 to 3/24/39 and from 3/18/40 to date

First reading taken 8/25/36 Water at Grade 10.00

Latest reading taken 9/29/40 Water at Grade 10.13

LOWEST READING OVER ENTIRE PERIOD: 8/24/37 Water at Grade 6.09

HIGHEST READING OVER ENTIRE PERIOD: 4/24/40 Water at Grade 11.21

Data Transcribed By B.F. Checked By A.M.

Remarks:

- 7'-6" sand & gravel
- 7'-6" to 12'-6" sand & gravel & 8'-6" of Water
- 12'-6" to 15'-6" hard pan (no water) took off
- addition 5'-6" of pipe
- 7'-6" water level

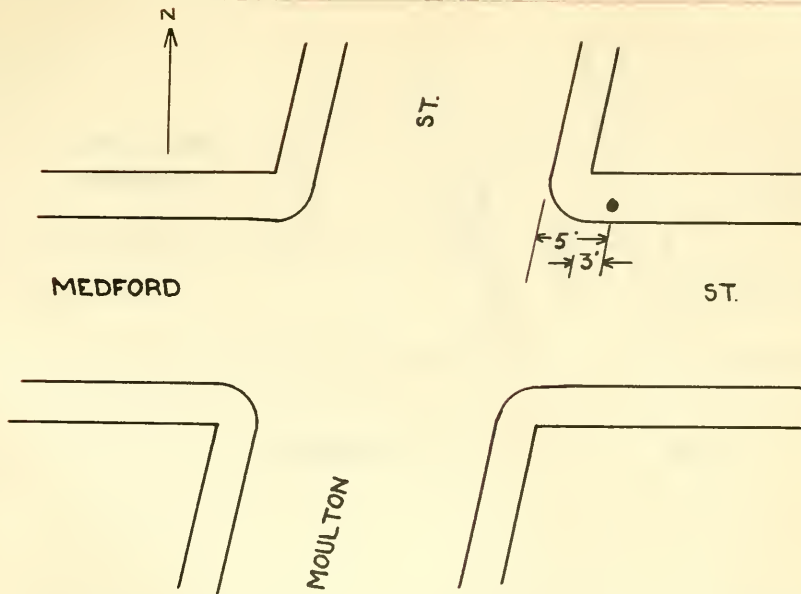
Note: See explanatory notes on first page of this Book

Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Medford St. 5' E of Moulton St. Station No. 2-29



Sketch Drawn By J.D.M.C. Checked By J.C. Scale None

Well Installed 8/10/36 Depth 12'-6" Grade Top of Well 19.169

Readings taken over period from 8/25/36 to 2/24/39 and from 3/11/40 to date

First reading taken 8/25/36 Water at Grade 10.34

Latest reading taken 10/29/40 Water at Grade 10.17

LOWEST READING OVER ENTIRE PERIOD: 11/5/37 Water at Grade 9.34

HIGHEST READING OVER ENTIRE PERIOD: 11/22/37 Water at Grade 13.84

Data Transcribed By G.F. Checked By A.M.

Remarks

7'-3" sand and gravel
7'-6" to 12'-6" sand and gravel
and 5' of water
3'-6" water level

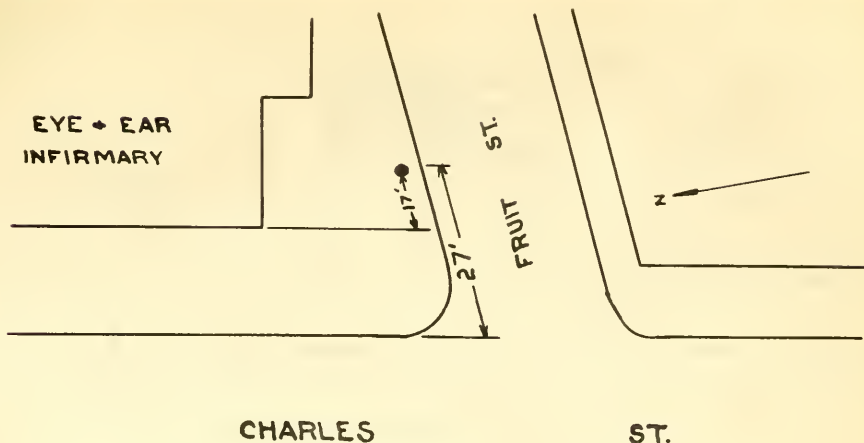
Note: See explanatory notes on first page of this Book

Date of Report 10/29/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Fruit St. 24' E of Charles St. Station No. 3-02



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/16/36 Depth 15'-6" Grade Top of Well 16.235

Readings taken over period from 5/12/36 to 4/7/39 and from 3/6/40 to date

First reading taken 5/18/36 Water at Grade 5.95

Latest reading taken 11/13/40 Water at Grade 6.07

LOWEST READING OVER ENTIRE PERIOD: 11/19/37 Water at Grade 4.15

HIGHEST READING OVER ENTIRE PERIOD: 7/27/38 Water at Grade 7.14

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
15' sand

Note: See explanatory notes on first page of this Book

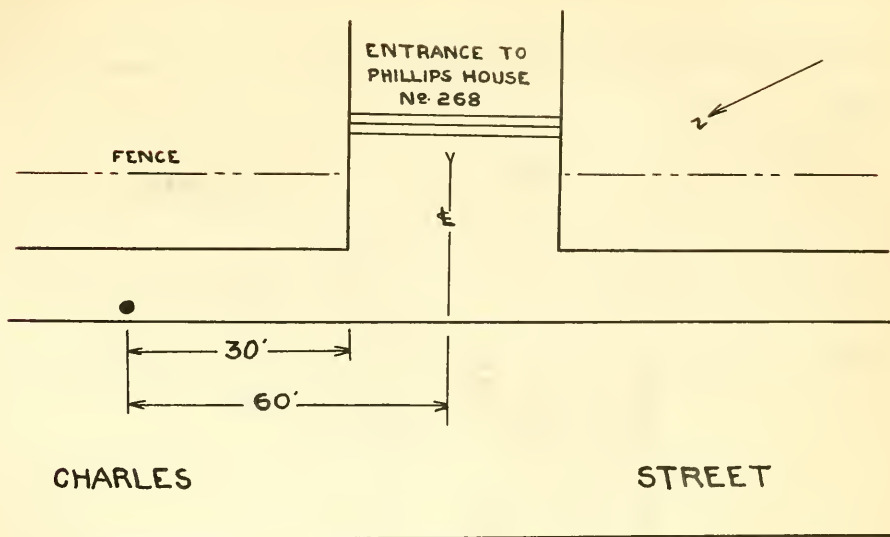
Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Charles St. 30' N of Phillips
House Entrance

Station
No. 3-03



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/12/36 Depth 15'-6" Grade Top of Well 16.030

Readings taken over period from 5/9/36 to 4/7/39 and from 3/6/40 to date

First reading taken 5/19/36 Water at Grade 6.57

Latest reading taken 11/13/40 Water at Grade 6.74

LOWEST READING OVER ENTIRE PERIOD: 11/19/37 Water at Grade 4.70

HIGHEST READING OVER ENTIRE PERIOD: 4/10/40 Water at Grade 8.70

Data Transcribed By C.M. Checked By A.M.

Remarks:

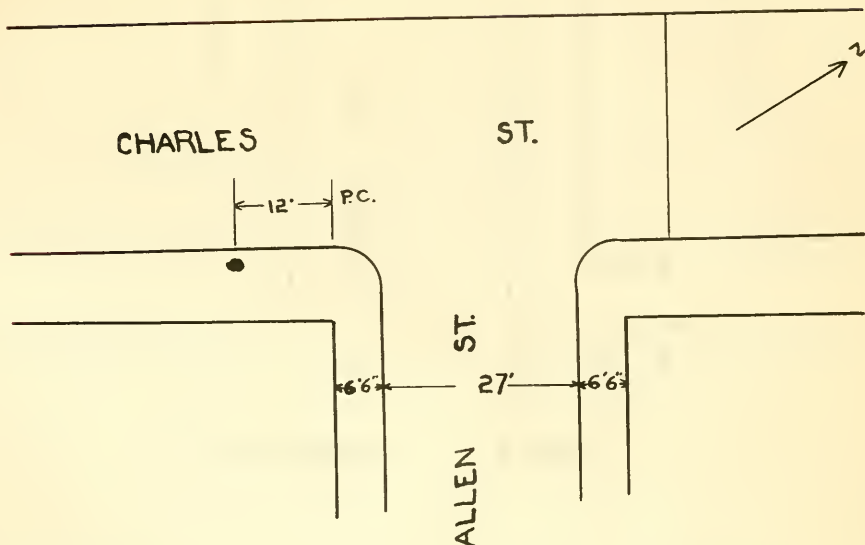
6' sand
10' sandy clay

Note: See explanatory notes on
first page of this Book

Date of Report 11/13/40

Approved By L.B.

Location: E side of Charles St. 17'-6" S of Allen St. Station No. 3-04



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/17/36 Depth 15' Grade Top of Well 16.620

Readings taken over period from 5/19/36 to 4/7/39 and from 9/6/40 to date

First reading taken 5/19/36 Water at Grade 6.67

Latest reading taken 11/13/40 Water at Grade 6.66

LOWEST READING OVER ENTIRE PERIOD: 6/18/38 Water at Grade 5.20

HIGHEST READING OVER ENTIRE PERIOD: 7/27/38 Water at Grade 7.62

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand & gravel

Note: See explanatory notes on first page of this book

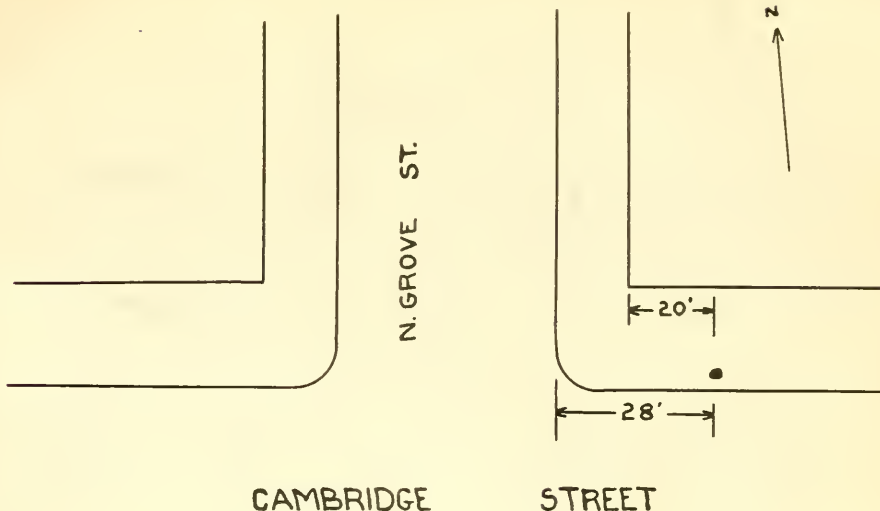
Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Cambridge St. 28' E of North
Grove St.

Station
No. 3-05



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/17/36 Depth 15' Grade Top of well 19.293

Readings taken over period from 5/18/36 to 4/7/39 and from 3/6/40 to date

First reading taken 5/18/36 Water at Grade 9.20

Latest reading taken 11/13/40 Water at Grade 8.66

LOWEST READING OVER ENTIRE PERIOD: 1/3/38 Water at Grade 8.04

HIGHEST READING OVER ENTIRE PERIOD: 4/7/39 Water at Grade 11.19

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
7' clay
10' cinders, sand & gravel

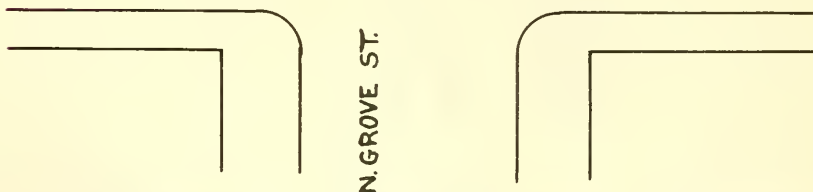
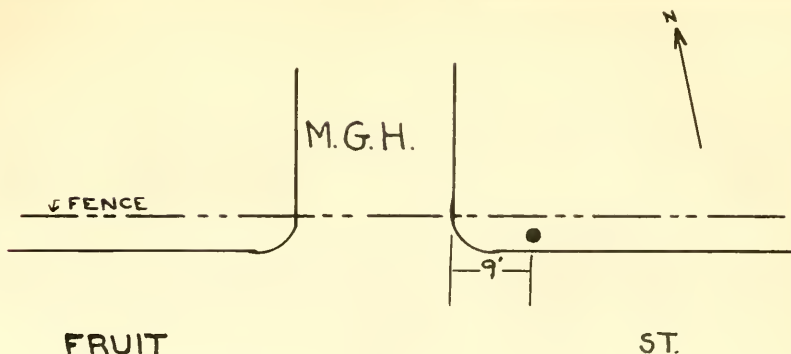
Note: See explanatory notes on
first page of this Book

Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Fruit St. 9' E of Gate to M.G.H. Station No. 3-06



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/16/36 Depth 15' Grade Top of Well 16.304

Readings taken over period from 5/18/36 to 4/7/39 and from 3/6/40 to date

First reading taken 5/18/36 Water at Grade 8.07

Latest reading taken 11/13/40 Water at Grade 8.01

LOWEST READING OVER ENTIRE PERIOD: 5/18/38 Water at Grade 6.10

HIGHEST READING OVER ENTIRE PERIOD: 4/7/39 Water at Grade 11.00

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
8' sandy clay
13' clay

Note: See explanatory notes on first page of this Book

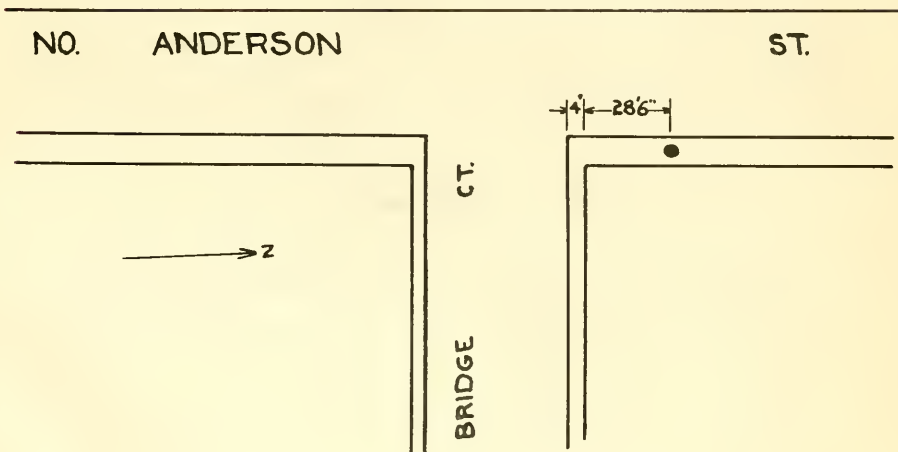
Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of W. Anderson St. 32'-6" N of
Bridge Court

Station
 No. 3-07



Sketch Drawn By J.D.M:c Checked By R.K. Scale None

Well Installed 4/22/36 Depth 15'-6" Grade Top of Well 15.203

Readings taken over period from 5/18/36 to 4/2/39 and from 3/6/40 to date

First reading taken 5/18/36 Water at Grade 2.00

Latest reading taken 11/13/40 Water at Grade 6.70

LOWEST READING OVER ENTIRE PERIOD: 11/19/37 Water at Grade 5.79

HIGHEST READING OVER ENTIRE PERIOD: 3/6/40 Water at Grade 7.95

Data Transcribed By C.M. Checked By A.M.

Remarks:

7' sand
 10' clay

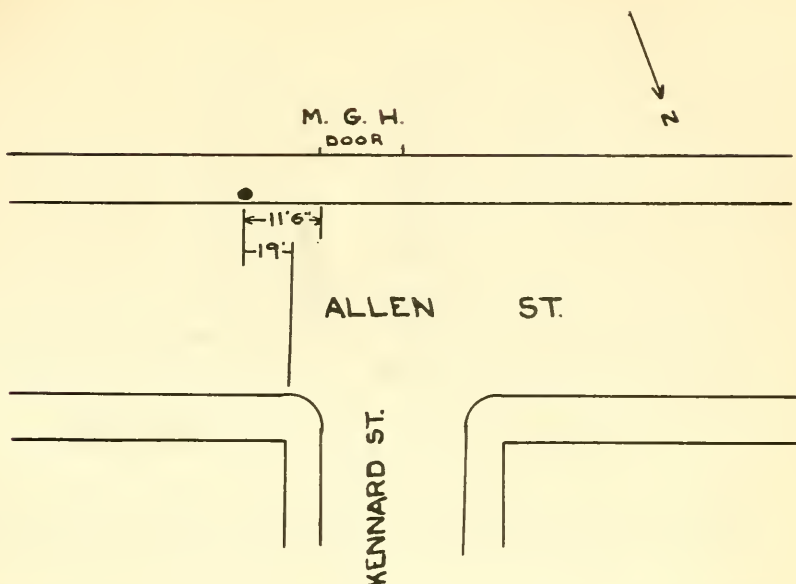
Note: See explanatory notes on
 first page of this Book

Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Allen St. 11'-6" E of Door to Station
L.G.H. opp. Kennard St. No. 3-08



Sketch Drawn By J.D.M.S.C. Checked By R.K. Scale None

Well Installed 4/22/36 Depth 15'-6" Grade Top of Well 21.440

Readings taken over period from 5/17/36 to 4/7/39 and from 4/9/40 to date

First reading taken 5/17/36 Water at Grade 7.92

Latest reading taken 11/13/40 Water at Grade 9.77

LOWEST READING OVER ENTIRE PERIOD: 10/19/37 Water at Grade 6.19

HIGHEST READING OVER ENTIRE PERIOD: 3/14/39 Water at Grade 10.44

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand & gravel

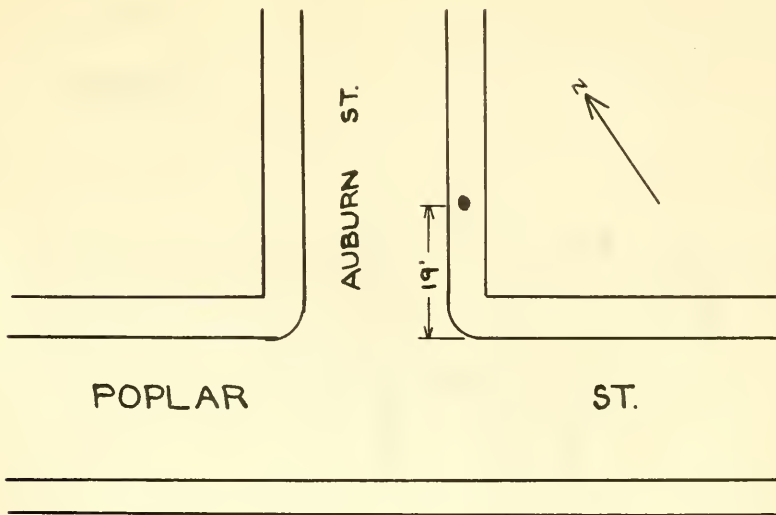
Note: See explanatory notes on first page of this Book

Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Auburn St. 19' N of Poplar St. Station No. 5-09



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/2/36 Depth 15'-6" Grade Top of Well 17.010

Readings taken over period from 6/5/36 to 4/7/39 and from 9/6/40 to date

First reading taken 6/5/36 Water at Grade 8.14

Latest reading taken 11/13/40 Water at Grade 8.26

LOWEST READING OVER ENTIRE PERIOD: 12/19/38 Water at Grade 6.81

HIGHEST READING OVER ENTIRE PERIOD: 3/22/39 Water at Grade 9.61

Date Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand
15' hard clay

Note: See explanatory notes on first page of this book

Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

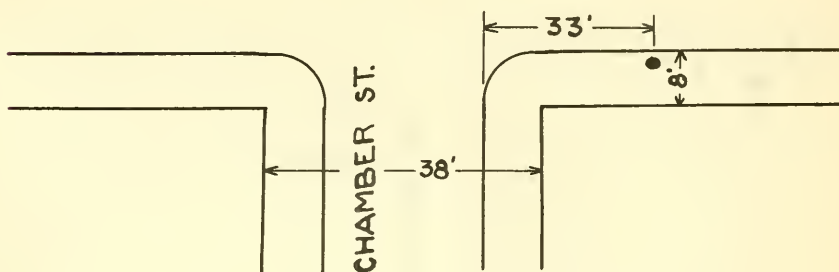
Location: S side of Charles St. 33' N of Chambers St.

Station No.

3-10

CHARLES

ST.



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/21/36 Depth 15' 6" Grade Top of Well 14.237

Readings taken over period from 5/2/36 to 4/2/39 and from 4/9/40 to date

First reading taken 5/2/36 Water at Grade 7.79

Latest reading taken 11/13/40 Water at Grade 8.24

LOWEST READING OVER ENTIRE PERIOD: 11/19/37 Water at Grade 5.74

HIGHEST READING OVER ENTIRE PERIOD: 7/27/38 Water at Grade 8.84

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sandy clay
10' sandy clay
15' sandy clay

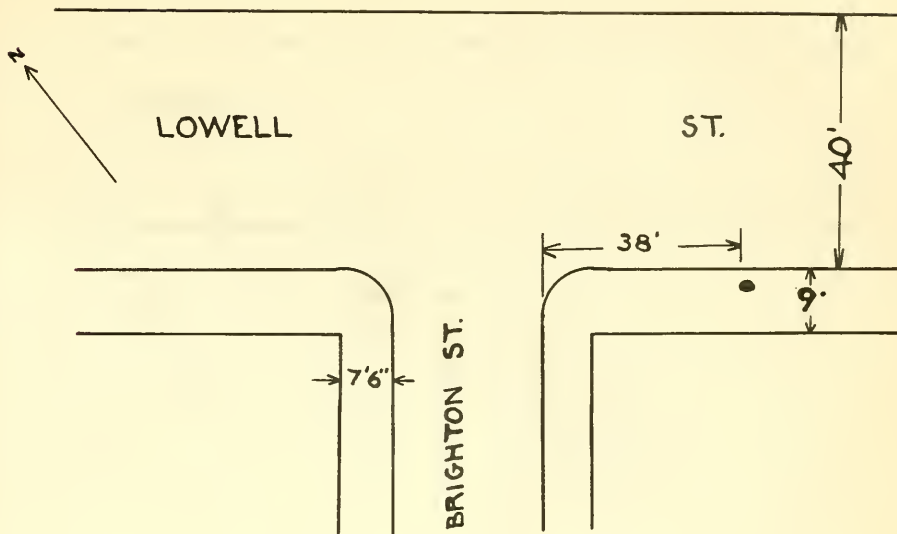
Note: See explanatory notes on first page of this Book

Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Lowell St. 38'-0" E of Brighton Station
 St. No. 3-12



Sketch Drawn By J.D.M.S.C. Checked By R.K. Scale None

Well Installed 4/17/36 Depth 15'-6" Grade Top of Well 17.460

Readings taken over period from 5/21/36 to 4/7/39 and from 4/9/40 to date

First reading taken 5/21/36 Water at Grade 10.34

Latest reading taken 11/13/40 Water at Grade 9.58

LOWEST READING OVER ENTIRE PERIOD: 6/22/37 Water at Grade 7.86

HIGHEST READING OVER ENTIRE PERIOD: 8/17/37 Water at Grade 10.78

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
 10' fill
 11' blue silty clay with shells

Note: See explanatory notes on first page of this Book

Date of Report 11/13/40

Approved By L.B.



... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

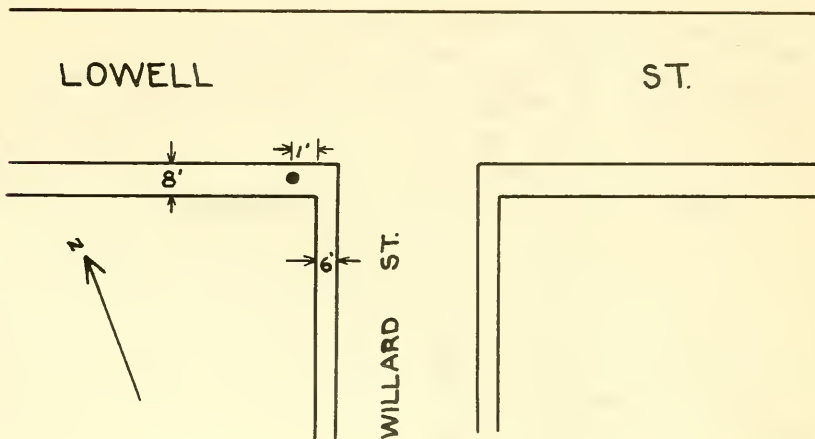
... ..

... ..

... ..

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Lowell St. 15' W of Willard St. Station No. 3-13



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/21/36 Depth 15'-6" Grade Top of Well 17.762

Readings taken over period from 5/21/36 to 4/2/39 and from 4/14/40 to date

First reading taken 5/21/36 Water at Grade 10.51

Latest reading taken 11/13/40 Water at Grade 10.38

LOWEST READING OVER ENTIRE PERIOD: 11/19/37 Water at Grade 9.10

HIGHEST READING OVER ENTIRE PERIOD: 3/29/37 Water at Grade 11.43

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand
15' sand

Note: See explanatory notes on first page of this Book

Date of Report 11/13/40

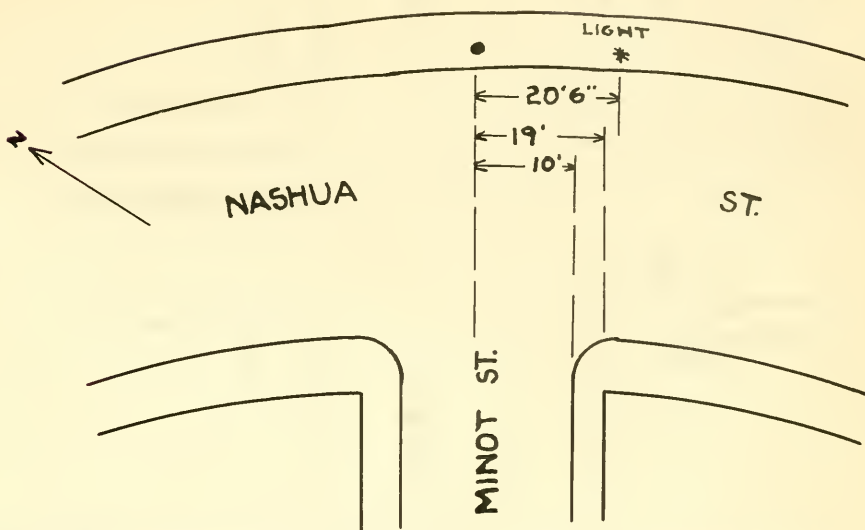
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Nashua St. opposite Minot St.

Station

No. 3-14



Sketch Drawn By J.D.M.E.C. Checked By R.K. Scale None

Well Installed 4/21/36 Depth 10'6" Grade Top of Well 15.817

Readings taken over period from 5/22/36 to 4/7/39 and from 3/6/40 to date

First reading taken 5/22/36 Water at Grade 9.63

Latest reading taken 11/13/40 Water at Grade 9.24

LOWEST READING OVER ENTIRE PERIOD: 6/4/40 Water at Grade 8.65

HIGHEST READING OVER ENTIRE PERIOD: 12/9/38 Water at Grade 12.02

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel

Note: See explanatory notes on first page of this Book

Date of Report 11/13/40

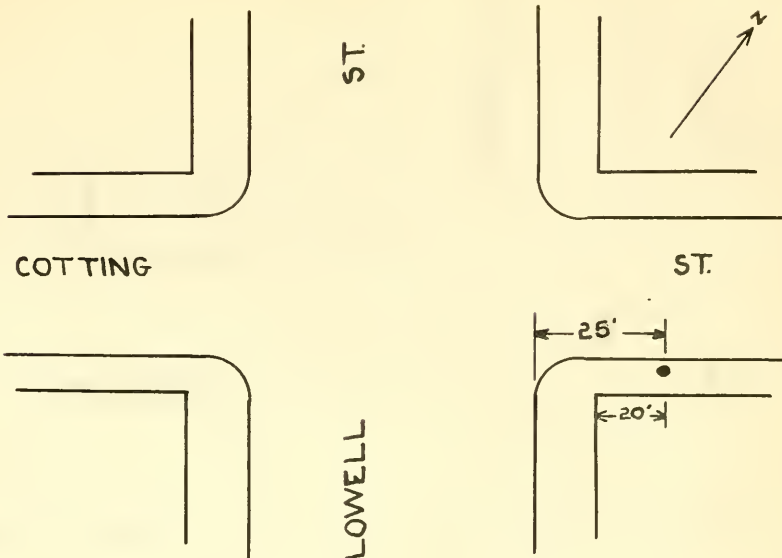
Approved By L.B.

REPORT OF GROUND WATER LEVEL STATION

Location: E side of Cotting St. 25' N of Lowell St.

Station No.

3-15



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/17/36 Depth 15'-6" Grade Top of Well 16.232

Readings taken over period from 5/21/36 to 4/7/39 and from 4/11/40 to date

first reading taken 5/21/36 Water at Grade 9.36

Latest reading taken 11/13/40 Water at Grade 8.15

LOWEST READING OVER ENTIRE PERIOD: 11/16/37 Water at Grade 6.57

HIGHEST READING OVER ENTIRE PERIOD: 3/18/38 Water at Grade 9.98

Data Transcribed by C.M. Checked by A.M.

Remarks: 6' sand
10' silty sand
15' silty sand

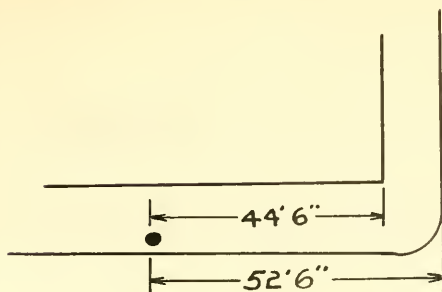
Note: See explanatory notes on first page of this book

Date of Report 11/13/40

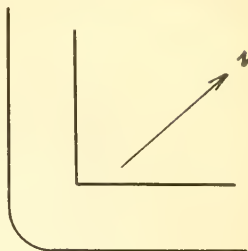
Approved by L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Causeway St. 52'-6" S of Lowell Station
St. No. 3-16



LOWELL ST.



CAUSEWAY

ST.

Sketch Drawn By J.O.M. & C. Checked By R.K. Scale None

Well Installed 4/22/36 Depth 15'-6" Grade Top of Well 16.020

Readings taken over period from 5/21/36 to 4/7/39 and from 3/6/40 to date

First reading taken 5/21/36 Water at Grade 7.25

Latest reading taken 11/13/40 Water at Grade 7.94

LOWEST READING OVER ENTIRE PERIOD: 3/13/39 Water at Grade 6.12

HIGHEST READING OVER ENTIRE PERIOD: 4/7/39 Water at Grade 8.57

Date Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' silty sand
15' silty sand

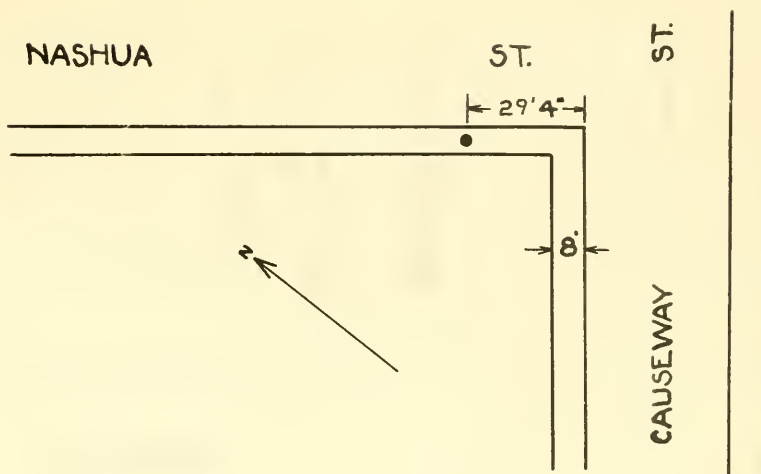
Note: See explanatory notes on first page of this Book

Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Nashua St. 29'-4" W of Causeway Station No. 3-17



Sketch Drawn By J. P. Msc. Checked By R. K. Scale None

Well Installed 4/22/36 Depth 20'-6" Grade Top of Well 15.735

Readings taken over period from 5/22/36 to 4/7/39 and from 5/13/40 to date

First reading taken 5/22/36 Water at Grade 7.59

Latest reading taken 11/13/40 Water at Grade 6.91

LOWEST READING OVER ENTIRE PERIOD: 11/19/37 Water at Grade 5.65

HIGHEST READING OVER ENTIRE PERIOD: 9/22/38 Water at Grade 7.84

Date Transcribed By C. M. Checked By A. M.

Remarks: 6' sand
10' sand & gravel
13' silty sand
15' silty sand
20' silty sand

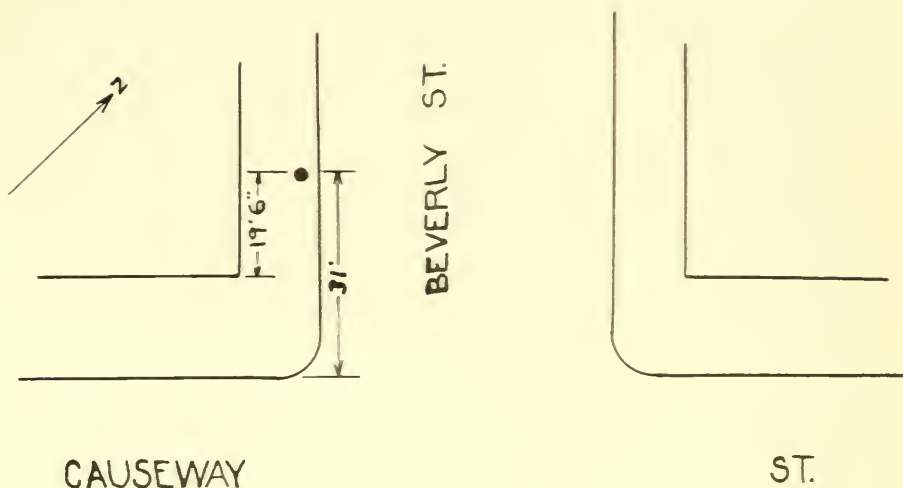
Note: See explanatory notes on first page of this Book

Date of Report 11/13/40

Approved By L. B.

REPORT ON GROUND WATER LEVEL STATION

Location: W. side of Beverly St. E. of Causeway St. Station No. 3-19



Sketch Drawn By J.D.Mc. Checked By R.K. Scale None

Well Installed 4/17/36 Depth 15'-6" Grade Top of Well 15.690

Readings taken over period from 5/26/36 to 4/11/39 and from 4/1/40 to date

First reading taken 5/26/36 Water at Grade 6.86

Latest reading taken 10/10/40 Water at Grade 6.90

LOWEST READING OVER ENTIRE PERIOD: 1/6/38 Water at Grade 5.02

HIGHEST READING OVER ENTIRE PERIOD: 5/29/40 Water at Grade 11.94

Date Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' silty sand
15' silty sand

Note: See explanatory notes on first page of this Book

Date of Report 11/13/40

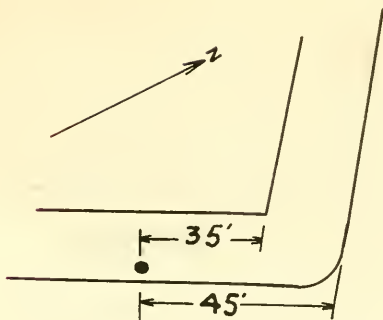
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Causeway St. 45' S of N. Wash-
ington St.

Station
No.

3-20



N. WASH. ST.



CAUSEWAY

ST.

Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 4/17/36 Depth 15'-6" Grade Top of Well 19.349

Readings taken over period from 5/28/36 to 4/10/39 and from 4/4/40 to date

First reading taken 5/28/36 Water at Grade 8.00

Latest reading taken 10/10/40 Water at Grade 8.52

LOWEST READING OVER ENTIRE PERIOD: 5/29/40 Water at Grade 5.39

HIGHEST READING OVER ENTIRE PERIOD: 8/1/38 Water at Grade 8.85

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' silty sand
15' silty sand

Note: See explanatory notes on
first page of this Book

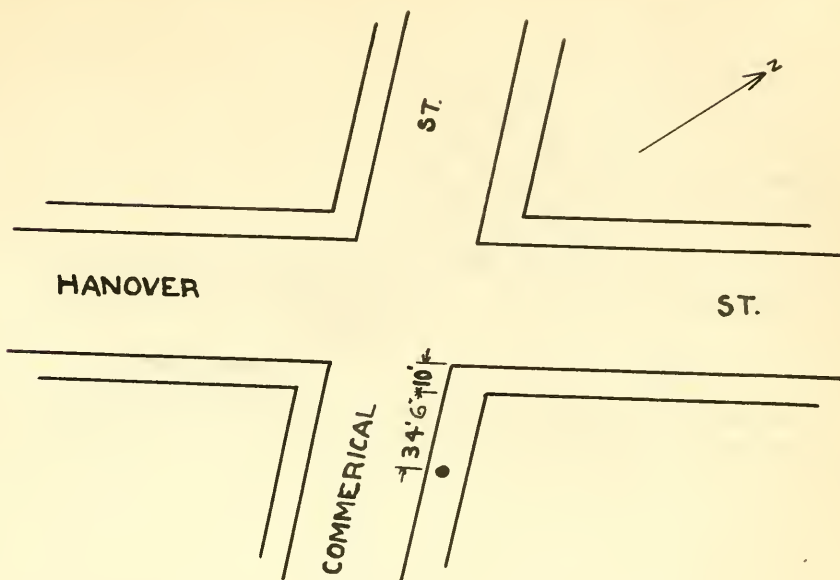
Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Commercial St. 34' 6" E of Hanover St. Station No.

3-24



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 4/22/36 Depth 10'-6" Grade Top of Well 18.471

Readings taken over period from 5/29/36 to 4/10/39 and from 4/15/40 to date

First reading taken 5/29/36 Water at Grade 10.80

Latest reading taken 10/14/40 Water at Grade 10.39

LOWEST READING OVER ENTIRE PERIOD: 1/7/38 Water at Grade 9.22

HIGHEST READING OVER ENTIRE PERIOD: 8/29/38 Water at Grade 16.52

Data Transcribed By C.M. Checked By A.M.

Remarks:

- 4' sand & gravel
- 8' sand & gravel
- 9' yellow clay

Note: See explanatory notes on first page of this Book

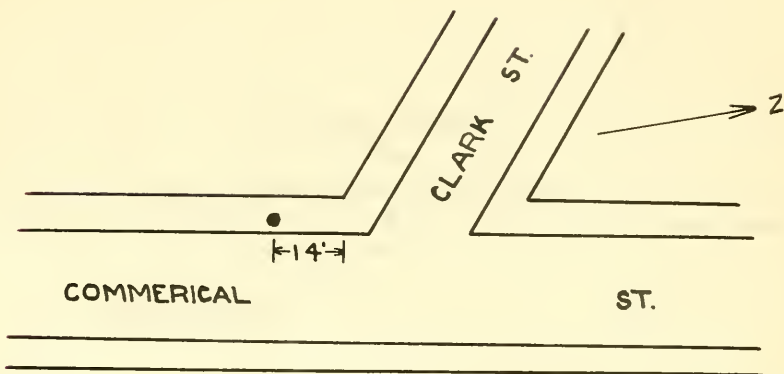
Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Commercial St. 20' S of Clark St. Station

10. 3-27



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/28/36 Depth 10' 6" Grade Top of Well 16.073

Readings taken over period from 6/2/36 to 4/10/39 and from 3/18/40 to date

First reading taken 6/2/36 Water at Grade 6.88

Latest reading taken 10/14/40 Water at Grade 7.03

LOWEST READING OVER ENTIRE PERIOD: 1/7/38 Water at Grade 5.99

HIGHEST READING OVER ENTIRE PERIOD: 10/21/37 Water at Grade 8.95

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand & gravel

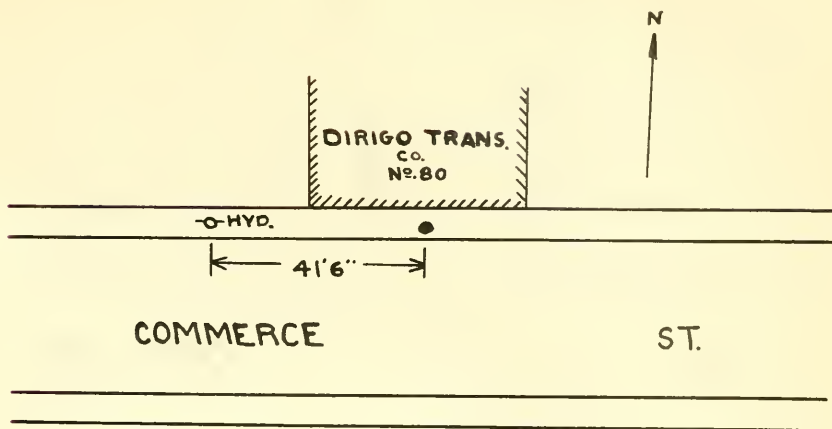
Note: See explanatory notes on first page of this book

Date of Report 11/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Commerce St. in front of #80 Station
(Dirigo Trans. Co.) No. 3-34



Sketch Drawn By J.O.M.C. Checked By R.K. Scale None

Well Installed 4/25/38 Depth 10'6" Grade Top of Well 15.125

Readings taken over period from 4/5/36 to 4/11/39 and from 4/8/40 to date

First reading taken 6/5/36 Water at Grade 7.54

Latest reading taken 9/6/40 Water at Grade 7.46

LOWEST READING OVER ENTIRE PERIOD: 2/11/39 Water at Grade 5.73

HIGHEST READING OVER ENTIRE PERIOD: 7/31/40 Water at Grade 9.71

Date Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand & gravel
12' obstructions

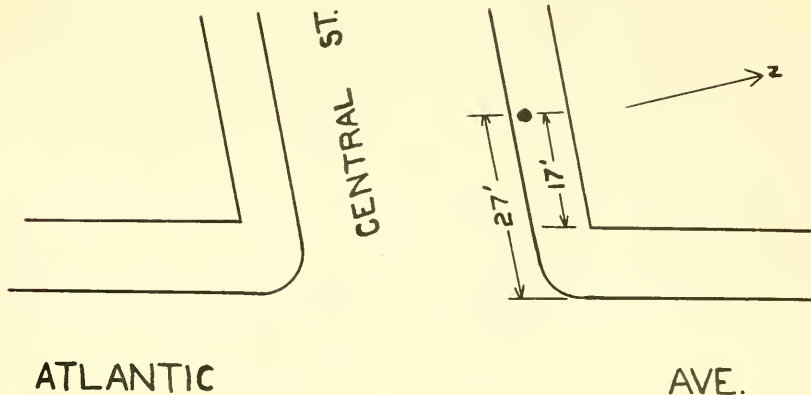
Note: See explanatory notes on first page of this book

Date of Report 9/6/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Central St. 27' W of Atlantic Ave Station No. 3-35



Sketch Drawn By J.D.M.c. Checked By R.K. Scale None

Well Installed 4/25/36 Depth 15'-6" Grade Top of Well 14.960

Readings taken over period from 5/29/36 to 4/14/39 and from 3/5/40 to date

First reading taken 5/29/36 Water at Grade 6.21

Latest reading taken 10/14/40 Water at Grade 5.13

LOWEST READING OVER ENTIRE PERIOD: 7/31/40 Water at Grade 4.71

HIGHEST READING OVER ENTIRE PERIOD: 10/21/37 Water at Grade 8.42

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
15' sand, gravel & mud

Note: See explanatory notes on first page of this Book

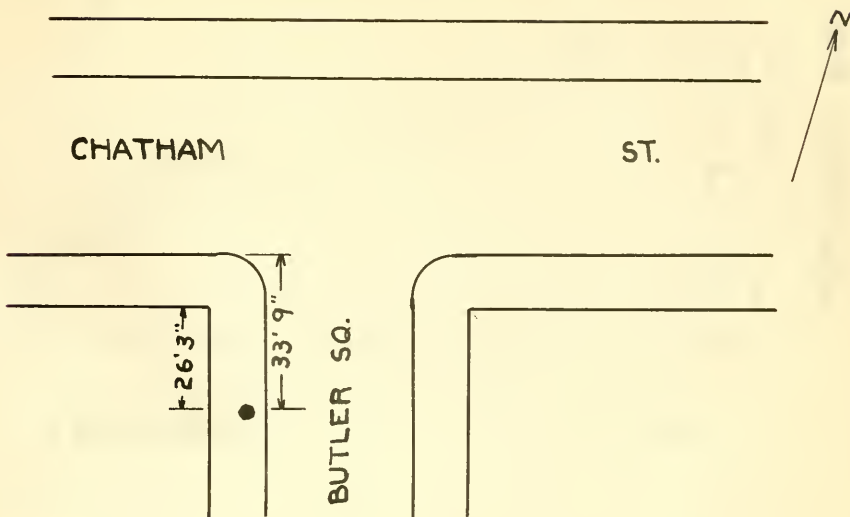
Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

33'-9"

Location: W side of Butler Sq. ' S of Chatham St. Station No. 3-37



Sketch Drawn By J.D.M&C. Checked By R.K. Scale None

Well Installed 4/24/36 Depth 15'-6" Grade Top of Well 15.829

Readings taken over period from 6/2/36 to 4/11/39 and from 4/8/40 to date

First reading taken 6/2/36 Water at Grade 7.58

Latest reading taken 10/17/40 Water at Grade 7.50

LOWEST READING OVER ENTIRE PERIOD: 11/26/37 Water at Grade 6.00

HIGHEST READING OVER ENTIRE PERIOD: 5/24/37 Water at Grade 8.41

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
13' clay

Note: See explanatory notes on first page of this Book

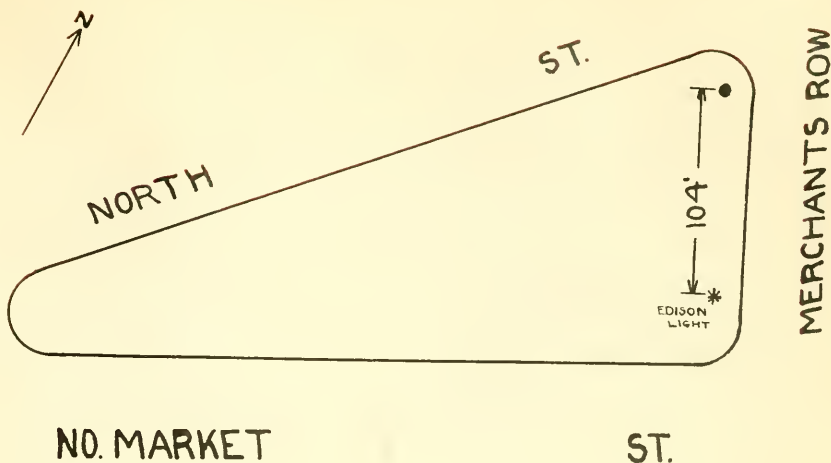
Date of Report 10/17/40

Approved by L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: Island, Merchant's Row and N. Market Street Station
5' P.C.

No. 3-38



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/24/36 Depth 15' 6" Grade Top of Well 14.833

Readings taken over period from 6/2/36 to 5/11/39 and from 4/8/40 to date

First reading taken 6/2/36 Water at Grade 6.58

Latest reading taken 10/17/40 Water at Grade 8.00

LOWEST READING OVER ENTIRE PERIOD 11/26/37 Water at Grade 5.42

HIGHEST READING OVER ENTIRE PERIOD: 10/21/37 Water at Grade 8.83

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel (old foundation)
15' clay

Note: See explanatory notes on first page of this book

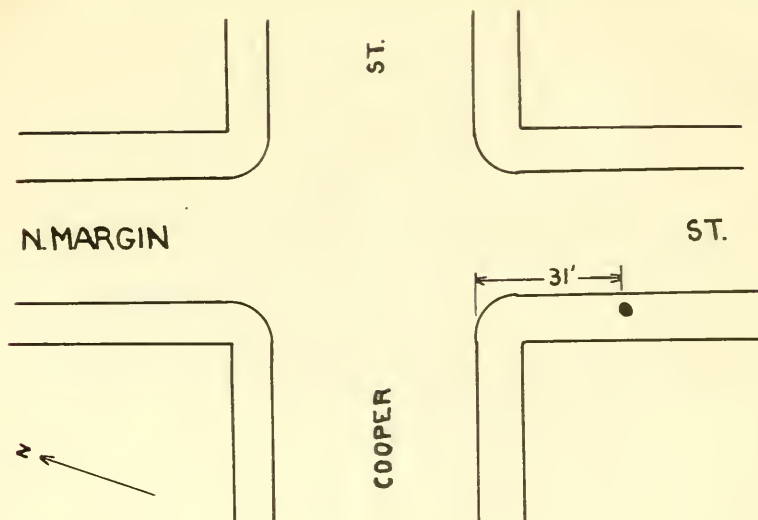
Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of N. Margin St. 31' S of Cooper St. station No.

3-46



Sketch Drawn By J.O.M.S.C. Checked By R.K. Scale None

Well installed 4/16/36 Depth 15'-6" Grade Top of Well 18.336

Readings taken over period from 5/28/36 to 4/10/39 and from 3/5/40 to date

First reading taken 5/28/36 Water at Grade

Latest reading taken 10/14/40 Water at Grade 10.21

LOWEST READING OVER ENTIRE PERIOD: 3/13/40 Water at Grade 8.80

HIGHEST READING OVER ENTIRE PERIOD: 8/23/37 Water at Grade 11.00

Data Transcribed By C.M. Checked By A.M.

Remarks:

7'-6" sand & gravel
13' silty sand
15' clay

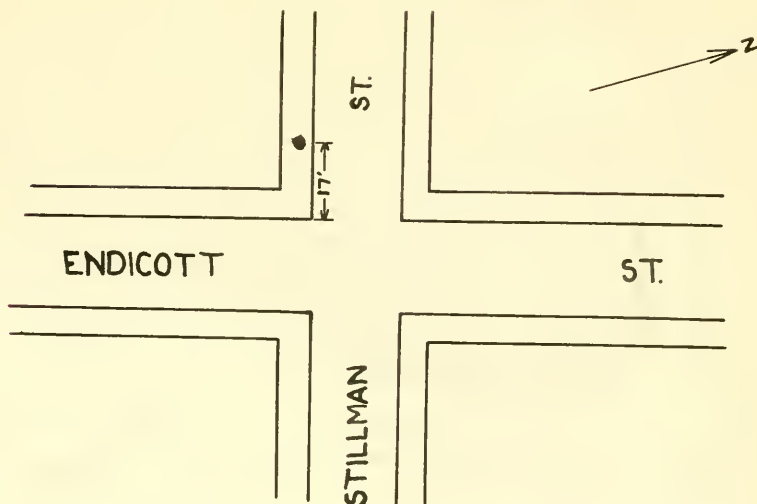
Note: See explanatory notes on first page of this Book

Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Stillman St. 17' W of Endicott St. Station No. 3-48



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/16/36 Depth 13'-6" Grade Top of Well 12.256

Readings taken over period from 5/29/36 to 4/10/39 and from 3/11/40 to date

First reading taken 5/29/36 Water at Grade 9.42

Latest reading taken 10/14/40 Water at Grade 9.01

LOWEST READING OVER ENTIRE PERIOD: 6/14/37 Water at Grade 7.84

HIGHEST READING OVER ENTIRE PERIOD: 1/26/37 Water at Grade 9.76

Data Transcribed By C.M. Checked By A.M.

Remarks:

7'-6" sand & gravel
12'-6" sandy clay
13' clay

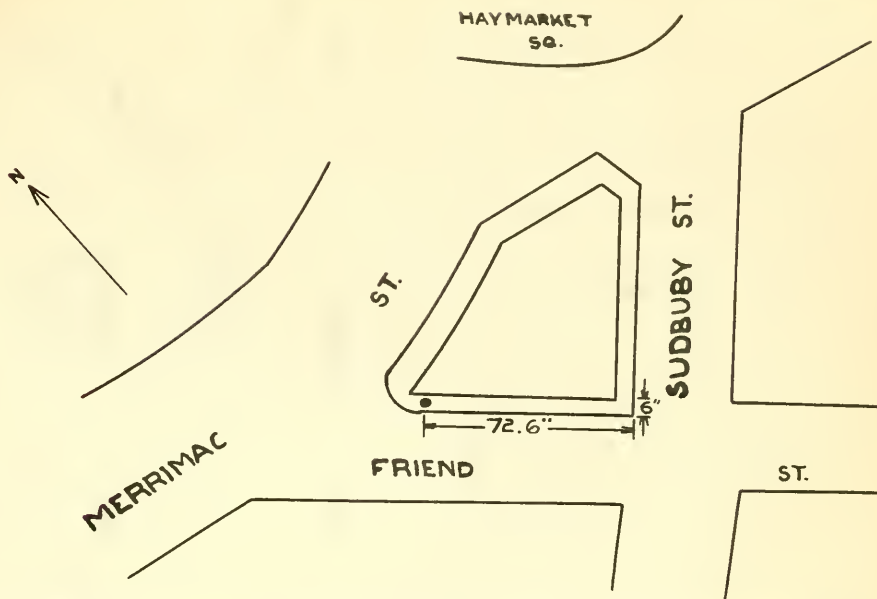
Note: See explanatory notes on first page of this Book

Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N.E. side of Friend St. 72' E of Sudbury Station
St. No. 3-49



Sketch Drawn By J.O.M:c. Checked By R.K. Scale None

Well Installed 4/21/36 Depth 15'-6" Grade Top of Well 16.930

Readings taken over period from 5/25/36 to 4/7/39 and from 4/11/40 to date

First reading taken 5/25/36 Water at Grade 7.37

Latest reading taken 10/10/40 Water at Grade 7.41

LOWEST READING OVER ENTIRE PERIOD: 2/9/39 Water at Grade 6.93

HIGHEST READING OVER ENTIRE PERIOD: 12/13/37 Water at Grade 8.91

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand, gravel & silt
15' clay

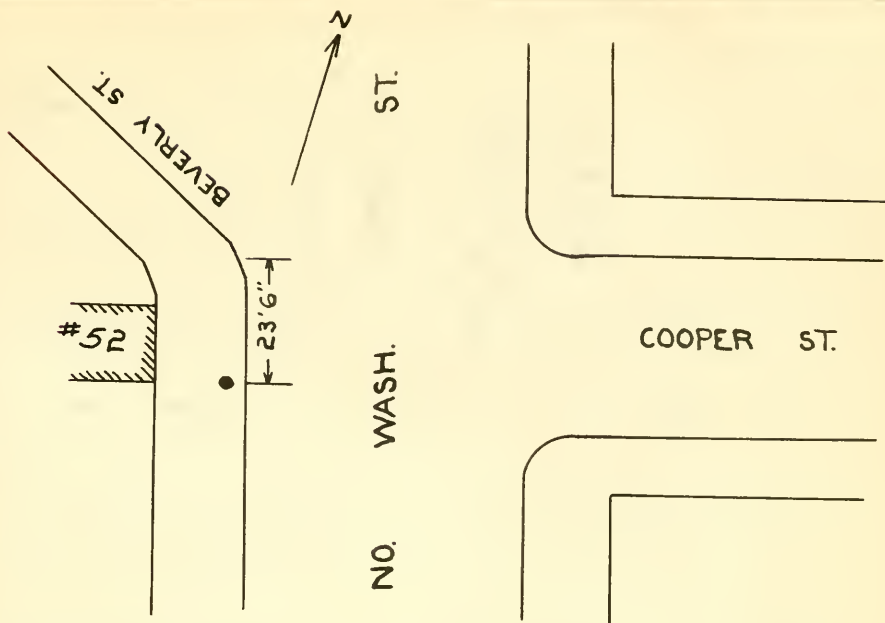
Note: See explanatory notes on first page of this Book

Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of N. Washington St. in front of Station #52 No. 3-50



Sketch Drawn By J.D.M.s.c. Checked By R.K. Scale None

Well installed 4/16/36 Depth 15'-6" Grade Top of Well 16.956

Readings taken over period from 5/26/36 to 4/10/39 and from 9/13/40 to date

First reading taken 5/26/36 Water at Grade 8.62

Latest reading taken 10/10/40 Water at Grade 9.04

LOWEST READING OVER ENTIRE PERIOD: 11/22/37 Water at Grade 6.87

HIGHEST READING OVER ENTIRE PERIOD: 7/25/40 Water at Grade 9.96

Data Transcribed By C.M. Checked By A.M.

Remarks:

7' sand & gravel
15' silty sand

Note: See explanatory notes on first page of this Book

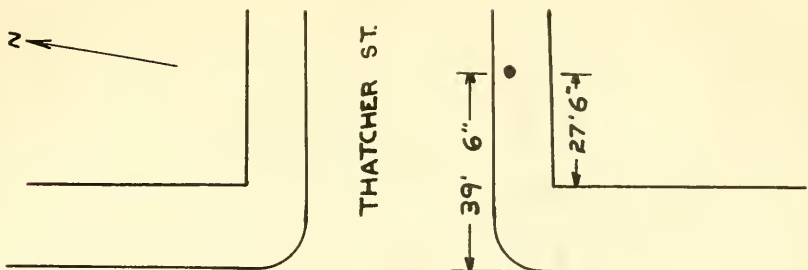
Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

39'-6"

Location: S side of Thatcher St. ' E of N. Wash- Station
ington St. No. 3-51



NO. WASH.

ST.

Sketch Drawn By J.D.M.C. Checked By RK Scale None

Well Installed 4/15/36 Depth 15'-6" Grade Top of Well 15.921

Readings taken over period from 5/28/36 to 4/10/39 and from 3/5/40 to date

First reading taken 5/28/36 Water at Grade 10.44

Latest reading taken 10/14/40 Water at Grade 6.97

LOWEST READING OVER ENTIRE PERIOD: 11/22/37 Water at Grade 6.05

HIGHEST READING OVER ENTIRE PERIOD: 5/28/36 Water at Grade 10.44

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand & gravel
15' sand & gravel

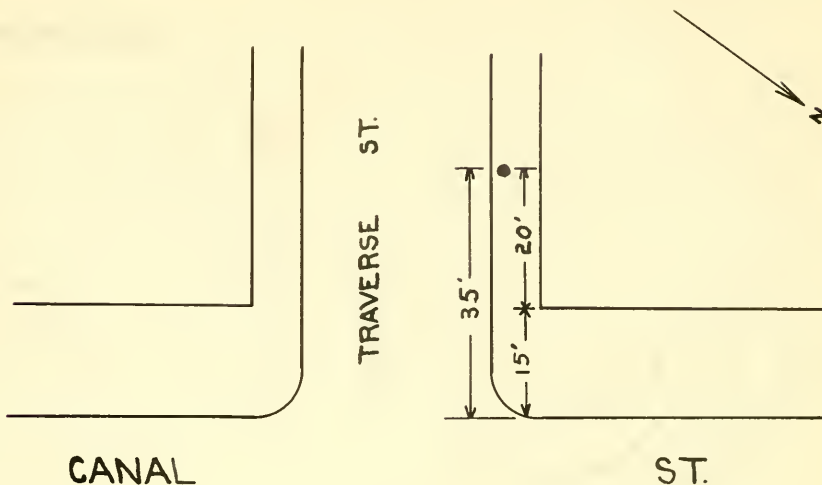
Note: See explanatory notes on first page of this Book

Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Traverse St. 35' W of Canal St. Station No. 3-53



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/17/36 Depth 15'-6" Grade Top of Well 18.835

Readings taken over period from 5/26/36 to 4/9/39 and from 3/6/40 to date

First reading taken 5/26/36 Water at Grade 7.48

Latest reading taken 10/10/40 Water at Grade 8.21

LOWEST READING OVER ENTIRE PERIOD: 5/26/36 Water at Grade 7.48

HIGHEST READING OVER ENTIRE PERIOD: 3/6/40 Water at Grade 11.50

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand, gravel & mud
15' sand, gravel & mud

Note: See explanatory notes on first page of this Book

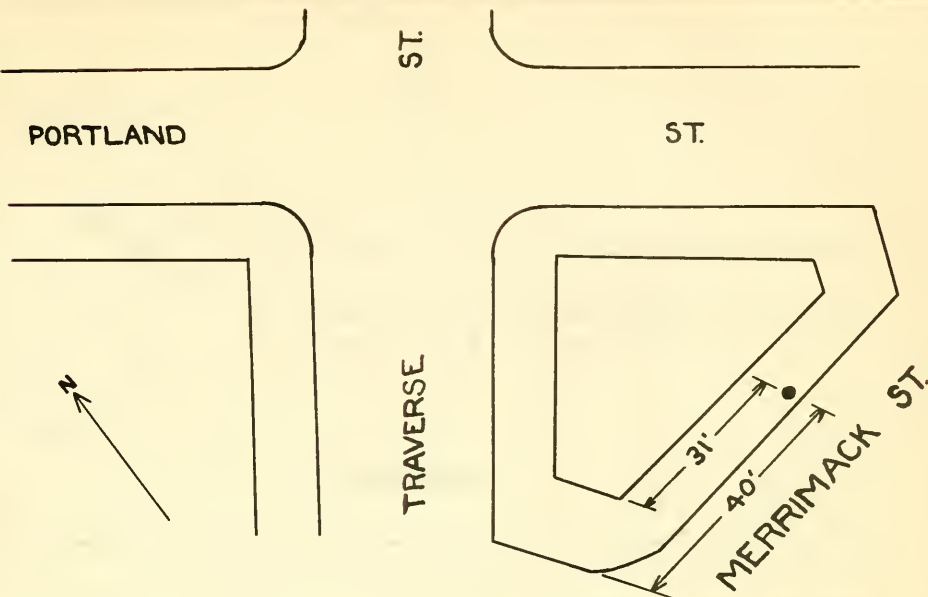
Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Island of Merrimac, Traverse
& Portland Sts. 40' E of Traverse St.

Station
No. 3-54



Sketch Drawn By J.D.M.E.C. Checked By R.K. Scale None

Well Installed 4/17/36 Depth 15'-6" Grade Top of Well 14.878

Readings taken over period from 5/25/36 to 4/2/37 and from 3/6/40 to date

First reading taken 5/25/36 Water at Grade 6.86

Latest reading taken 10/10/40 Water at Grade 7.13

LOWEST READING OVER ENTIRE PERIOD: 11/19/37 Water at Grade 5.80

HIGHEST READING OVER ENTIRE PERIOD: 10/22/37 Water at Grade 7.88

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand & silt
15' sand & silt

Note: See explanatory notes on
first page of this Book

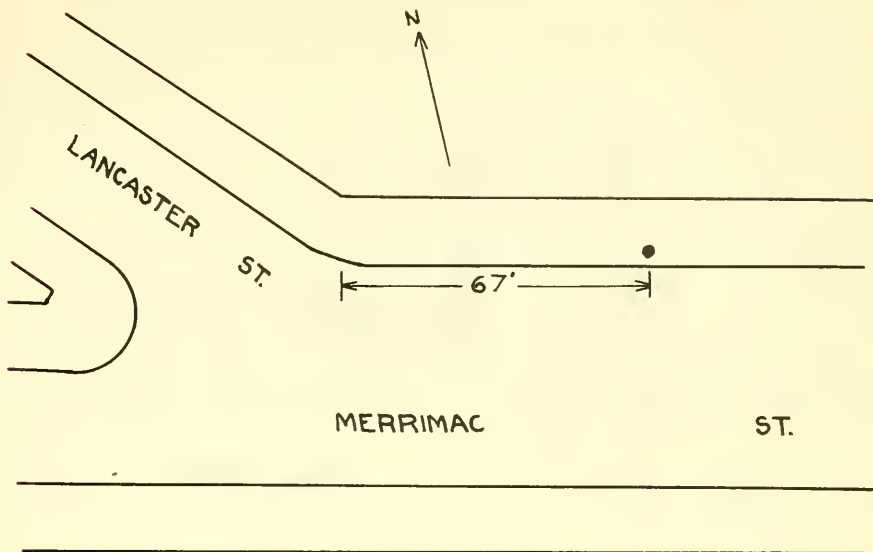
Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Merrimac St. 67' E of Junc.
Bldg. Line of Lancaster & Merrimac Sts.

Station
No. 3-55



Sketch Drawn By J.O.McC. Checked By R.K. Scale None

Well Installed 4/12/36 Depth 15'-6" Grade Top of Well 15.410

Readings taken over period from 5/25/36 to 4/7/39 and from 3/6/40 to date

First reading taken 5/25/36 Water at Grade 6.64

Latest reading taken 10/10/40 Water at Grade 6.58

LOWEST READING OVER ENTIRE PERIOD: 3/18/38 Water at Grade 5.66

HIGHEST READING OVER ENTIRE PERIOD: 3/14/40 Water at Grade 8.08

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' silty sand
15' silty sand

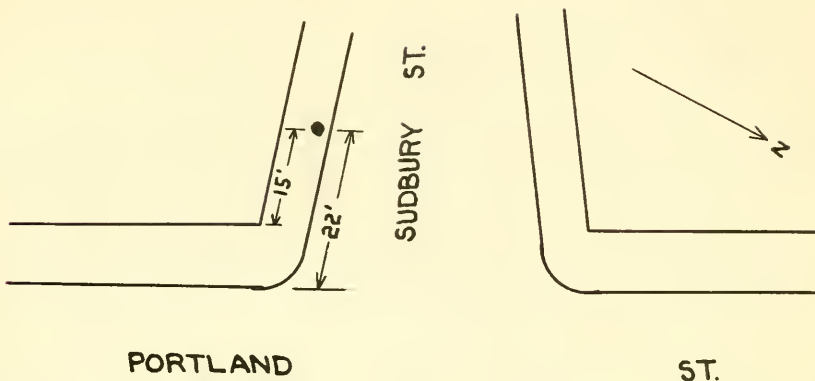
Note: See explanatory notes on first page of this Book

Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Sudbury St. 22' W of Portland St. Station No. 3-56



Sketch Drawn By J.D.Msc. Checked By R.K. Scale None

Well Installed 4/21/36 Depth 12' - 6" Grade Top of Well 16.500

Readings taken over period from 5/26/36 to 4/7/39 and from 9/6/40 to date

First reading taken 5/26/36 Water at Grade 7.98

Latest reading taken 10/10/40 Water at Grade 8.04

LOWEST READING OVER ENTIRE PERIOD: 11/19/37 Water at Grade 6.58

HIGHEST READING OVER ENTIRE PERIOD: 4/25/40 Water at Grade 8.50

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand, gravel & silt
12' clay

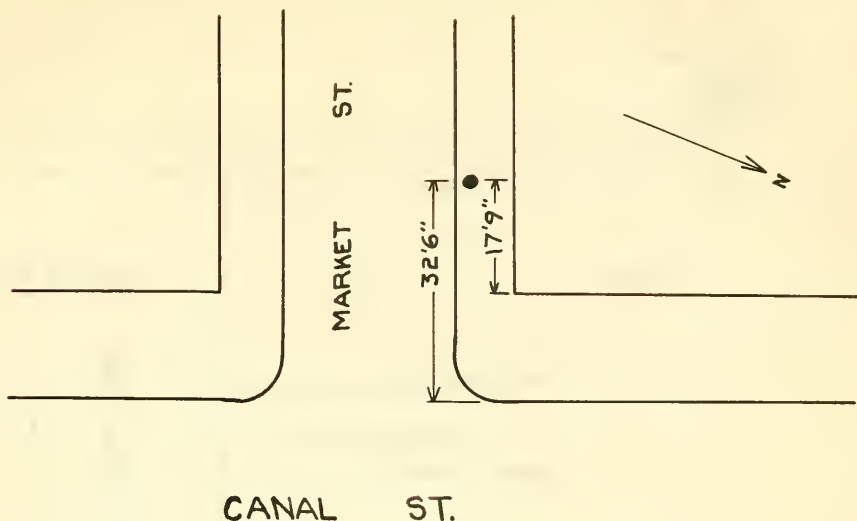
Note: See explanatory notes on first page of this Book

Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Market St. 32'-6" W of Canal St. Station No. 3-57



Sketch Drawn By J.O.M:c. Checked By RK. Scale None

Well Installed 4/16/36 Depth 15'-6" Grade Top of Well 15.990

Readings taken over period from 5/25/36 to 4/7/39 and from 3/6/40 to date

First reading taken 5/25/36 Water at Grade 7.09

Latest reading taken 10/10/40 Water at Grade 6.41

LOWEST READING OVER ENTIRE PERIOD: 3/27/40 Water at Grade 5.36

HIGHEST READING OVER ENTIRE PERIOD: 3/6/40 Water at Grade 8.49

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand, gravel & mud
16' sand, gravel & mud
20' clay

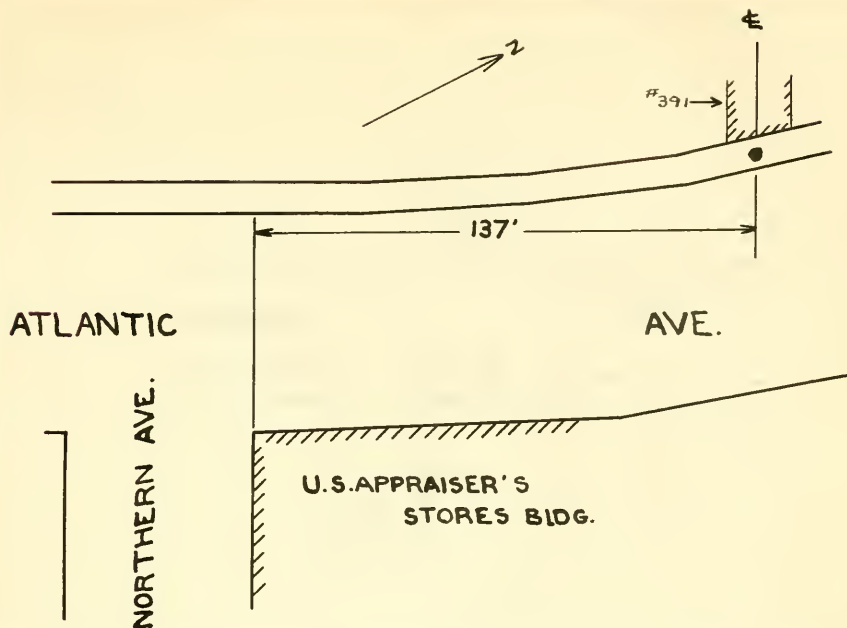
Note: See explanatory notes on first page of this Book

Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N.W. side of Atlantic Ave. in front of Station
#391 No. 3-60



Sketch Drawn By J.D.M.c. Checked By R.K. Scale None

Well Installed 4/30/36 Depth 10'-6" Grade Top of Well 19.345

Readings taken over period from 6/15/36 to 4/11/39 and from 3/5/40 to date

First reading taken 6/15/36 Water at Grade 12.85

Latest reading taken 10/17/40 Water at Grade 12.39

LOWEST READING OVER ENTIRE PERIOD: 1/7/38 Water at Grade 10.59

HIGHEST READING OVER ENTIRE PERIOD: 4/17/40 Water at Grade 14.06

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand, fill
8' silty sand, clay

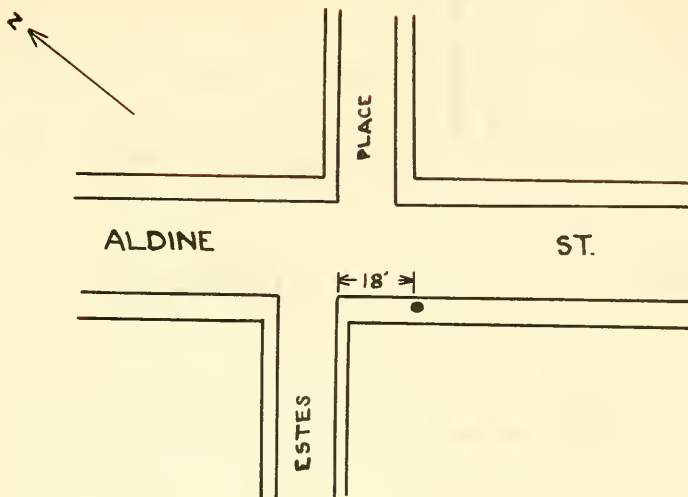
Note: See explanatory notes on first page of this Book

Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUNDWATER LEVEL STATION

Location: S side of Aldine St. 18' E of Estes Pl. Station No. 3-61



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/28/36 Depth 10'-6" Grade Top of Well 13.653

Readings taken over period from 6/1/36 to 4/11/39 and from 3/11/40 to date

First reading taken 6/1/36 Water at Grade 6.82

Latest reading taken 10/15/40 Water at Grade 7.32

LOWEST READING OVER ENTIRE PERIOD: 8/3/37 Water at Grade 4.90

HIGHEST READING OVER ENTIRE PERIOD: 4/17/40 Water at Grade 8.40

Date Transcribed By C.M. Checked By A.M.

Remarks:

5' cinder fill
7' silt
13' silt
13'-6" wood obstruction

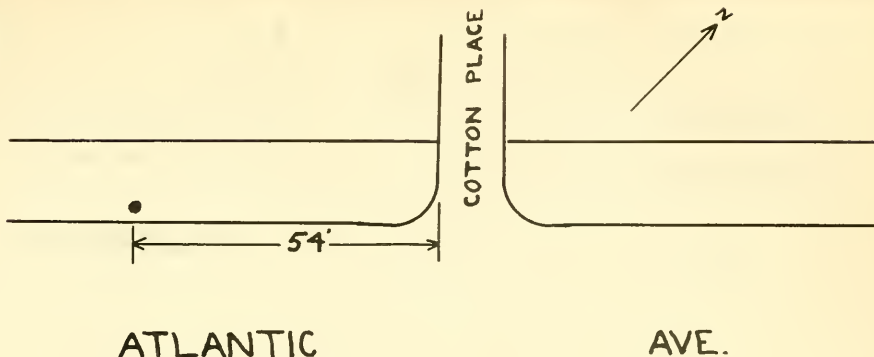
Note: See explanatory notes on first page of this Book

Date of Report 10/15/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Atlantic Ave. 54' S of Cotton Pl. Station No. 3-70



Sketch Drawn By J.O.M.E.C. Checked By R.K. Scale None

Well Installed 4/30/36 Depth 14'-6" Grade Top of Well 19.890

Readings taken over period from 5/28/36 to 4/11/39 and from 3/21/40 to date

First reading taken 5/28/36 Water at Grade 13.75

Latest reading taken 10/17/40 Water at Grade 12.25

LOWEST READING OVER ENTIRE PERIOD: 11/26/37 Water at Grade 11.41

HIGHEST READING OVER ENTIRE PERIOD: 5/28/36 Water at Grade 13.75

Data Transcribed By C.M. Checked By A.M.

Remarks:

8' sand & gravel
10' silt & clay

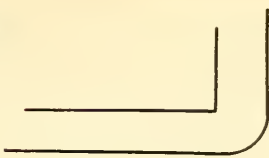
Note: See explanatory notes on first page of this book

Date of Report 10/17/40

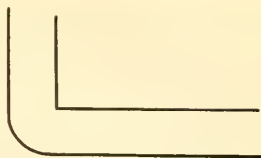
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Franklin St. 28' W of Federal St. Station No. 3-72

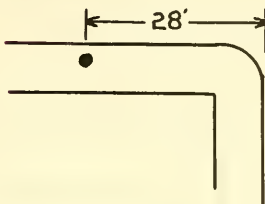


ST.

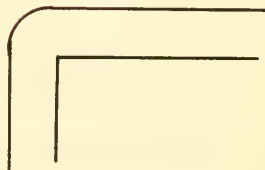


FRANKLIN

ST.



FEDERAL



Sketch Drawn By J.D.MEC. Checked By R.K. Scale None

Well Installed 4/31 Depth _____ Grade Top of Well 20.00

Readings taken over period from 12/2/36 to 4/11/39 and from 6/14/40 to date

First reading taken 12/2/36 Water at Grade 3.75

Latest reading taken 9/19/40 Water at Grade 4.50

LOWEST READING OVER ENTIRE PERIOD: 4/21/37 Water at Grade 3.33

HIGHEST READING OVER ENTIRE PERIOD: 3/8/39 Water at Grade 7.10

Data Transcribed By C.M. Checked By A.M.

Remarks:

Note: See explanatory notes on first page of this book

Date of Report 9/19/40

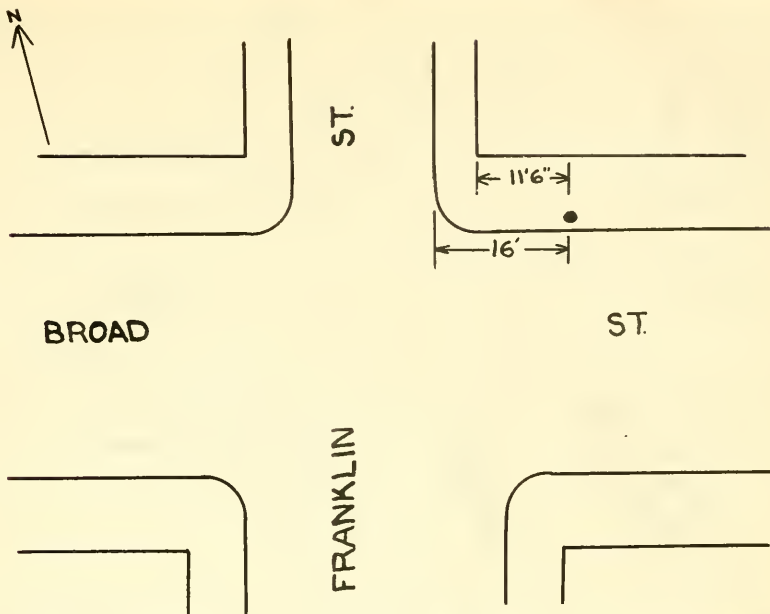
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Broad St. 16' E of Franklin St.

Station

No. 3-74



Sketch Drawn By J.D.Msc. Checked By R.K. Scale None

Well Installed 4/25/36 Depth 15'-6" Grade Top of Well 16.230

Readings taken over period from 6/1/36 to 4/11/37 and from 9/11/40 to date

First reading taken 6/1/36 Water at Grade 6.98

Latest reading taken 10/17/40 Water at Grade 7.65

LOWEST READING OVER ENTIRE PERIOD: 1/13/37 Water at Grade 6.65

HIGHEST READING OVER ENTIRE PERIOD: 3/20/38 Water at Grade 8.73

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand & silt
15' sand & silt

Note: See explanatory notes on first page of this Book

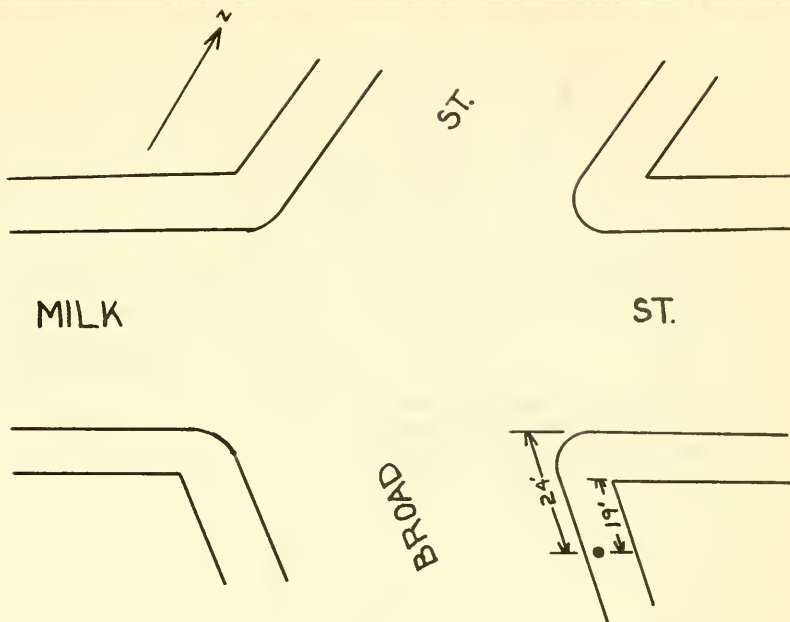
Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Broad St. 24' S of Milk St.

Station No. 3-75



Sketch Drawn By J.D.McC. Checked By R.K. Scale None

Well Installed 4/25/36 Depth 15'-6" Grade Top of Well 15.159

Readings taken over period from 5/29/36 to 4/11/39 and from 5/11/40 to date

First reading taken 5/29/36 Water at Grade 7.08

Latest reading taken 10/17/40 Water at Grade 7.62

LOWEST READING OVER ENTIRE PERIOD: 1/30/39 Water at Grade 5.76

HIGHEST READING OVER ENTIRE PERIOD: 4/23/40 Water at Grade 9.08

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand
10' sand & silt
15' sand & gravel

Note: See explanatory notes on first page of this Book

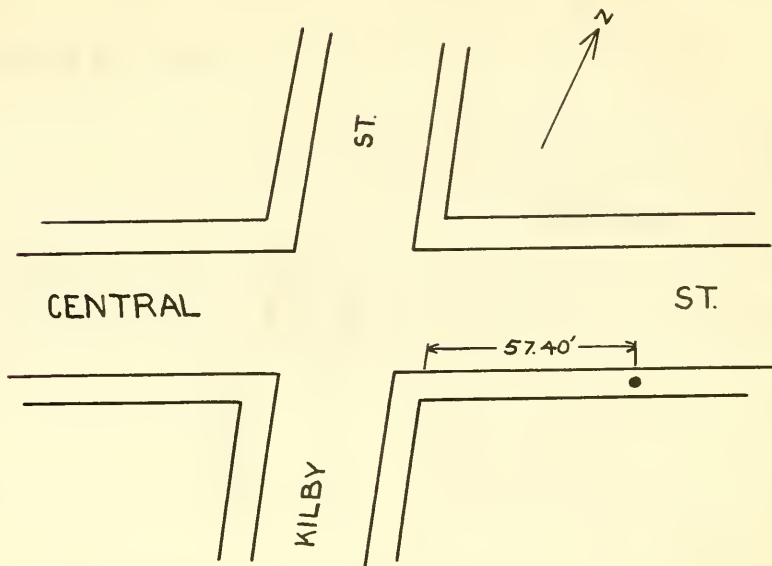
Date of report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Central St. 57.40' E of Kilby St. Station No.

3-78



Sketch Drawn By J.D.McC. Checked By R.K. Scale None

Well Installed 4/27/36 Depth 10'-6" Grade Top of Well 17.695

Readings taken over period from 6/2/36 to 4/11/39 and from 9/11/40 to date

First reading taken 6/2/36 Water at Grade 9.02

Latest reading taken 10/17/40 Water at Grade 8.36

LOWEST READING OVER ENTIRE PERIOD: 1/26/37 Water at Grade 7.27

HIGHEST READING OVER ENTIRE PERIOD: 10/26/38 Water at Grade 9.86

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
11' clay

Note: See explanatory notes on first page of this Book

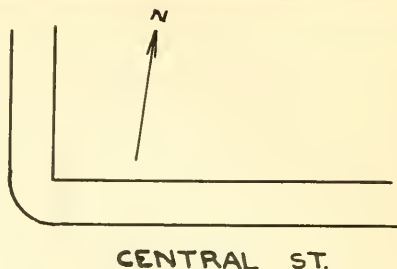
Date of Report 10/17/40

Approved by L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of India St. 14'6" S of Central St. Station No. 3-80

McKINLEY SQ.



Sketch Drawn By J.O.M.C. Checked By R.K. Scale None

Well Installed 4/27/36 Depth 15'-6" Grade Top of Well 14.223

Readings taken over period from 5/29/36 to 4/11/39 and from 3/19/40 to date

First reading taken 5/29/36 Water at Grade 8.36

Latest reading taken 10/17/40 Water at Grade 7.27

LOWEST READING OVER ENTIRE PERIOD: 10/15/36 Water at Grade 5.69

HIGHEST READING OVER ENTIRE PERIOD: 12/30/38 Water at Grade 9.77

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
13' clay
15' clay

Note: See explanatory notes on first page of this Book

Date of Report 10/17/40

Approved By L.B.

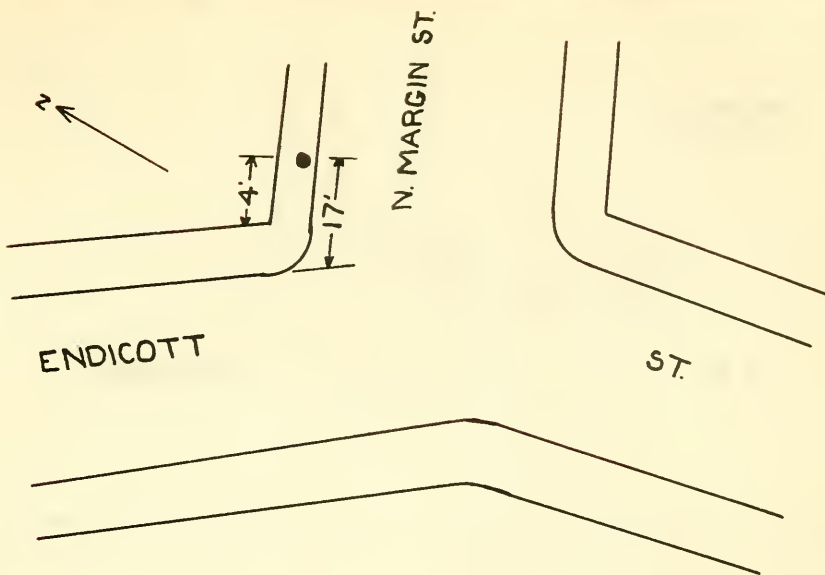
REPORT ON GROUND WATER LEVEL STATION

Location: N side of N. Margin St. 17' E of Endicott Station

St.

No.

3-81



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/16/36 Depth 15'-6" Grade Top of Well 17.906

Readings taken over period from 6/11/36 to 4/10/39 and from 4/4/40 to date

First reading taken 6/11/36 Water at Grade 15.82

Latest reading taken 10/14/40 Water at Grade 8.08

LOWEST READING OVER ENTIRE PERIOD: 1/6/38 Water at Grade 6.82

HIGHEST READING OVER ENTIRE PERIOD: 11/30/36 Water at Grade 16.99

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
15' sand & gravel

Note: See explanatory notes on first page of this Book

Date of Report 10/14/40

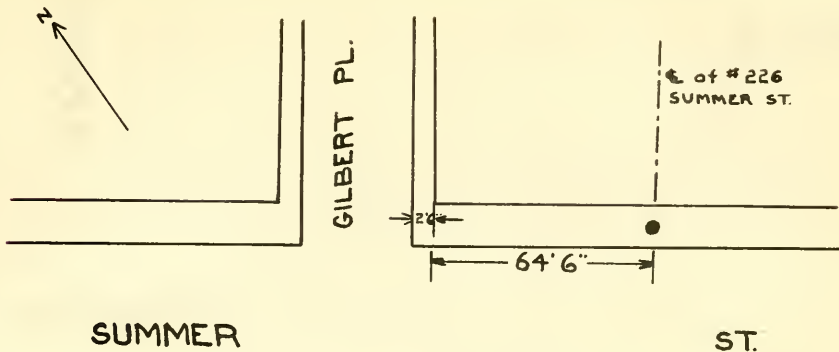
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Summer St. in front of #226

Station
No.

3-82



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 4/28/36 Depth 16'-6" Grade Top of Well 17.772 ^{18.06 11/24/40 R. Dwy}

Readings taken over period from 5/28/36 to 4/11/38 and from 4/11/40 to date

First reading taken 5/28/36 Water at Grade 6.27

Latest reading taken 10/15/40 Water at Grade 6.52

LOWEST READING OVER ENTIRE PERIOD: 1/10/38 Water at Grade 5.11

HIGHEST READING OVER ENTIRE PERIOD: 12/19/38 Water at Grade 7.67

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
15' sand & gravel
16' clay

Note: See explanatory notes on first page of this book

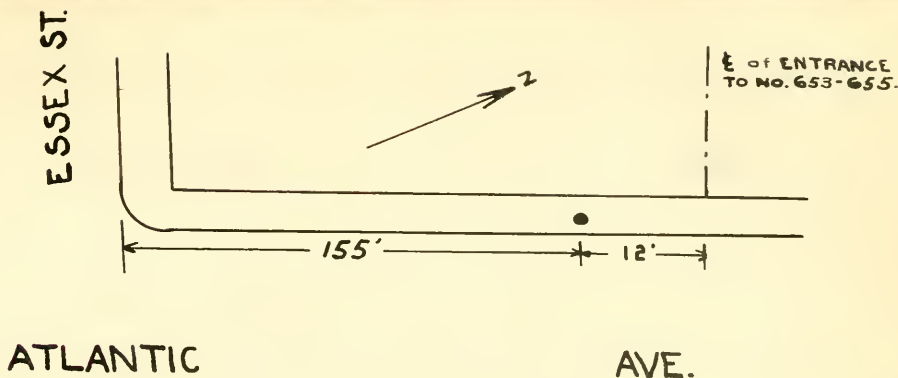
Date of Report 10/15/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Atlantic Ave. 155' N of Essex St. Station No.

3-83



Sketch Drawn By J.O.Mc. Checked By R.K. Scale None

Well Installed 4/24/36 Depth 10'-2" Grade Top of Well 18.740

Readings taken over period from 5/28/36 to 4/1/37 and from 9/21/40 to date

First reading taken 5/28/36 Water at Grade 10.82

Latest reading taken 10/15/40 Water at Grade 9.82

LOWEST READING OVER ENTIRE PERIOD: 1/10/38 Water at Grade 8.57

HIGHEST READING OVER ENTIRE PERIOD: 9/14/37 Water at Grade 12.32

Data Transcribed By A.M. Checked By A.M.

Remarks:

6' sand & silt
8' clay

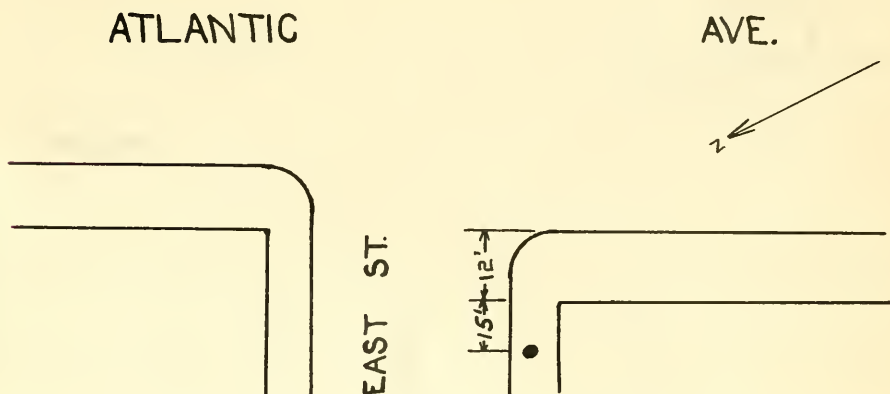
Note: See explanatory notes on first page of this Book

Date of Report 10/15/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of East St. 27' W of Atlantic Ave. Station No. 3-84



Sketch Drawn By J.D.M:c. Checked By RK Scale None

Well Installed 4/24/36 Depth 15' 6" Grade Top of Well 15.953

Readings taken over period from 6/12/36 to 4/11/39 and from 8/11/40 to date

First reading taken 6/12/36 Water at Grade 6.28

Latest reading taken 10/3/40 Water at Grade 7.45

LOWEST READING OVER ENTIRE PERIOD: 1/10/38 Water at Grade 6.20

HIGHEST READING OVER ENTIRE PERIOD: 8/25/38 Water at Grade 9.05

Data Transcribed By C.M. Checked By A.M.

Remarks:

5' fill
6' loam
10' loam
11' stone, gravel & sand
13' clay
15' clay

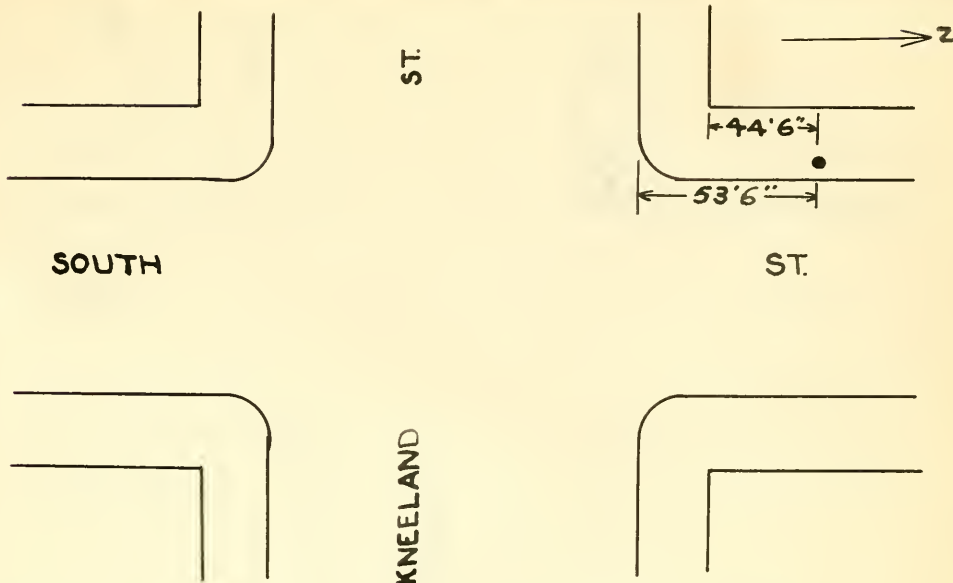
Note: See explanatory notes on first page of this Book

Date of Report 10/3/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of South St. 53'-6" N of Kneeland St. Station No. 3-85



Sketch Drawn By J.D.M:c Checked By R.K. Scale None

Well Installed 4/24/36 Depth 10' Grade Top of Well 16.134

Readings taken over period from 5/26/36 to 4/1/39 and from 4/1/40 to date

First reading taken 5/26/36 Water at Grade 11.22

Latest reading taken 10/15/40 Water at Grade 6.96

LOWEST READING OVER ENTIRE PERIOD: 1/10/38 Water at Grade 5.72

HIGHEST READING OVER ENTIRE PERIOD: 5/26/36 Water at Grade 11.22

Data Transcribed By C.M. Checked By A.M.

Remarks :

6' sand & gravel
10' clay
15' peat

Note: See explanatory notes on first page of this Book

Date of Report 10/15/40

Approved By L.B.

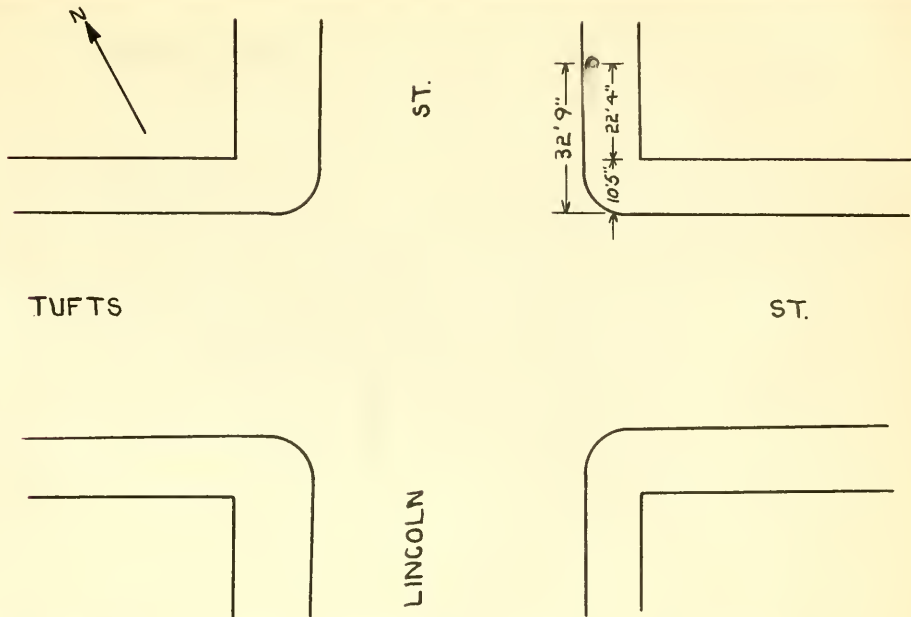


REPORT ON GROUND WATER LEVEL STATION

Location: E side of Lincoln St. 32' 9" N of Tufts St.

Station

10. 3-80



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/23/36 Depth 15' 6" Grade Top of Well 17.663

Readings taken over period from 5/28/36 to 4/1/39 and from 3/11/40 to date

First reading taken 5/28/36 Water at Grade 8.66

Latest reading taken 10/3/40 Water at Grade 8.41

LOWEST READING OVER ENTIRE PERIOD: 11/29/37 Water at Grade 7.00

HIGHEST READING OVER ENTIRE PERIOD: 8/3/38 Water at Grade 9.46

Data Transcribed By C.M. Checked By A.M.

Remarks:

7' sand & gravel
14' gravel, peat & clay

Note: See explanatory notes on first page of this book

Date of Report 10/3/40

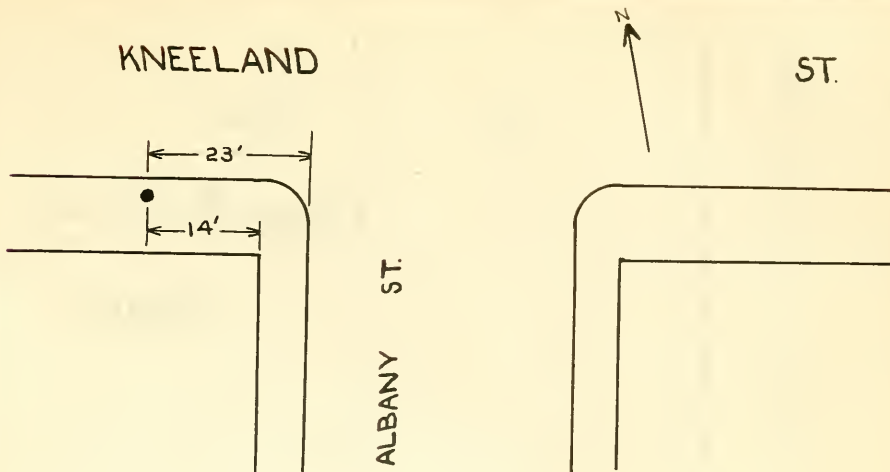
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Kneeland St. 23' N of Albany St. Station

No.

3-87



Sketch Drawn By J.D.McC. Checked By R.K. Scale None

Well Installed 4/28/36 Depth 15'-6" Grade Top of Well 14.886

Readings taken over period from 5/24/36 to 4/12/39 and from 7/16/40 to date

First reading taken 5/26/36 Water at Grade 7.14

Latest reading taken 10/15/40 Water at Grade 6.85

LOWEST READING OVER ENTIRE PERIOD: 10/17/38 Water at Grade 4.69

HIGHEST READING OVER ENTIRE PERIOD: 7/22/36 Water at Grade 8.87

Date Transcribed By C.M. Checked By A.M.

Remarks:

6' earth fill
10' clay
15' mud

Note: See explanatory notes on first page of this Book

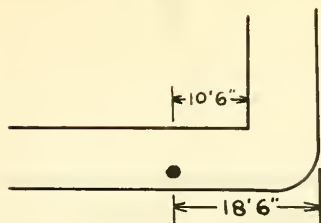
Date of Report 10/15/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Hudson St. 18'6" W of Beach St.

Station No. 3-88



ST.

BEACH

HUDSON

Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/23/36 Depth 15'6" Grade Top of Well 16.390

Readings taken over period from 5/26/36 to 4/12/37 and from 3/11/40 to date

First reading taken 5/26/36 Water at Grade 5.97

Latest reading taken 10/15/40 Water at Grade 6.14

LOWEST READING OVER ENTIRE PERIOD: 6/15/37 Water at Grade 5.39

HIGHEST READING OVER ENTIRE PERIOD: 12/20/38 Water at Grade 7.19

Data Transcribed By C.M. Checked By A.M.

Remarks:

7' earth fill
12' water bearing soil

Note: See explanatory notes on first page of this Book

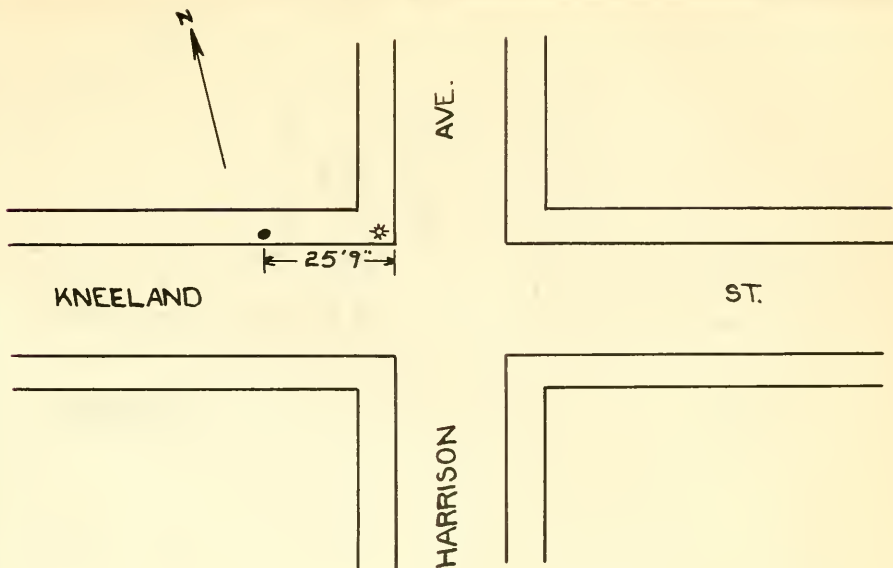
Date of Report 10/15/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Kneeland St. 25'-9" W of
Harrison Ave.

Station
No. 3-91



Sketch Drawn By J.D.msc. Checked by R.K. Scale None

Well Installed 4/24/36 Depth 15'-6" Grade Top of Well 155.00

Readings taken over period from 5/25/36 to 4/2/40 and from 3/11/40 to date

First reading taken 5/25/36 Water at Grade 5.67

Latest reading taken 10/15/40 Water at Grade 6.25

LOWEST READING OVER ENTIRE PERIOD: 11/29/37 Water at Grade 5.08

HIGHEST READING OVER ENTIRE PERIOD: 8/24/36 Water at Grade 6.67

Data Transcribed By C.M. Checked By A.M.

Remarks:

7' sand & gravel
10' earth & clay fill

Note: See explanatory notes on
first page of this Book

Date of Report 10/15/40

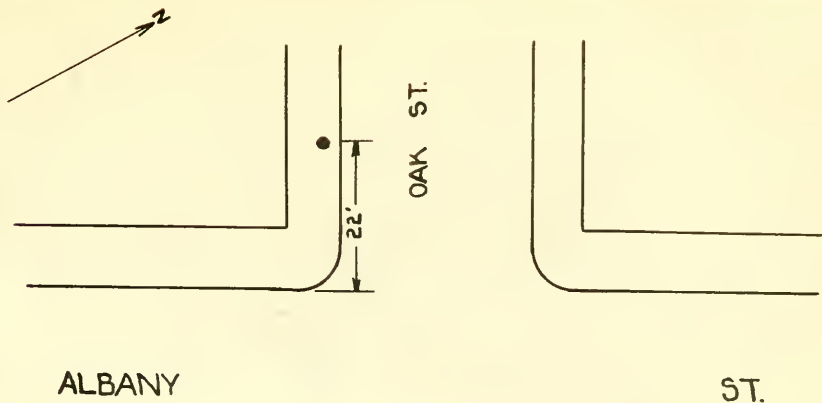
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Oak St. 22' W of Albany St.

Station
No.

3-95



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/30/36 Depth 15' 6" Grade Top of well 16.813

Readings taken over period from 5/22/36 to 4/12/37 and from 4/23/40 to date

First reading taken 5/22/36 Water at Grade 12.48

Latest reading taken 10/8/40 Water at Grade 9.48

LOWEST READING OVER ENTIRE PERIOD: 11/4/38 Water at Grade 6.73

HIGHEST READING OVER ENTIRE PERIOD: 4/23/40 Water at Grade 13.48

Data Transcribed By C.M. Checked By A.M.

Remarks:

7' earth fill
8' earth & clay
10' earth & clay
15' earth & clay

Note: See explanatory notes on
first page of this book

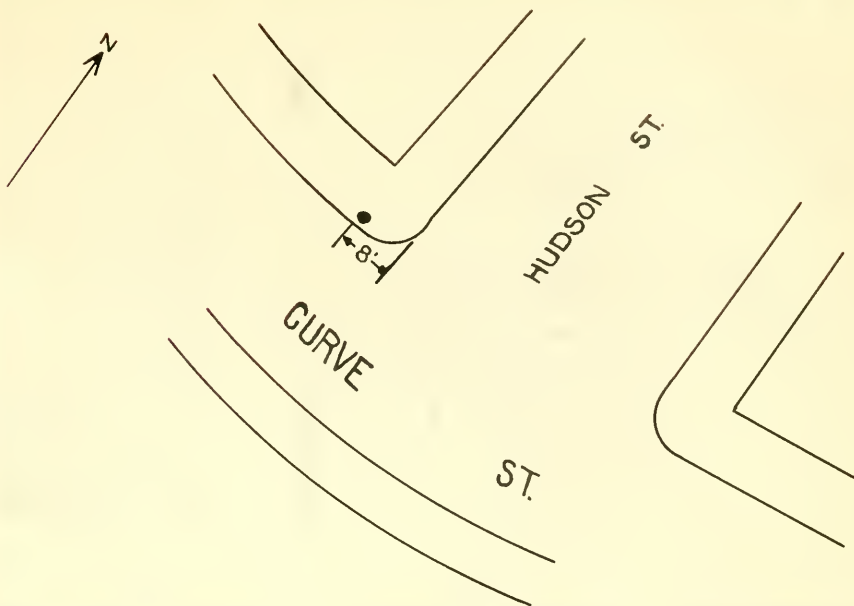
Date of report 10/8/40

approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Curve St. 8' W of Hudson St.

Station
No. 3-99



Sketch Drawn By J.D.Mec. Checked By R.K. Scale None

Well Installed 5/1/36 Depth 10'-6" Grade Top of Well 17.431

Readings taken over period from 5/22/36 to 4/12/39 and from 9/12/40 to date

First reading taken 5/22/36 Water at Grade 10.86

Latest reading taken 10/8/40 Water at Grade 10.01

LOWEST READING OVER ENTIRE PERIOD: 9/6/38 Water at Grade 7.99

HIGHEST READING OVER ENTIRE PERIOD: 8/11/37 Water at Grade 14.35

Data Transcribed By C.M. Checked By A.M.

Remarks:

2' earth fill
4' mud
10' mud

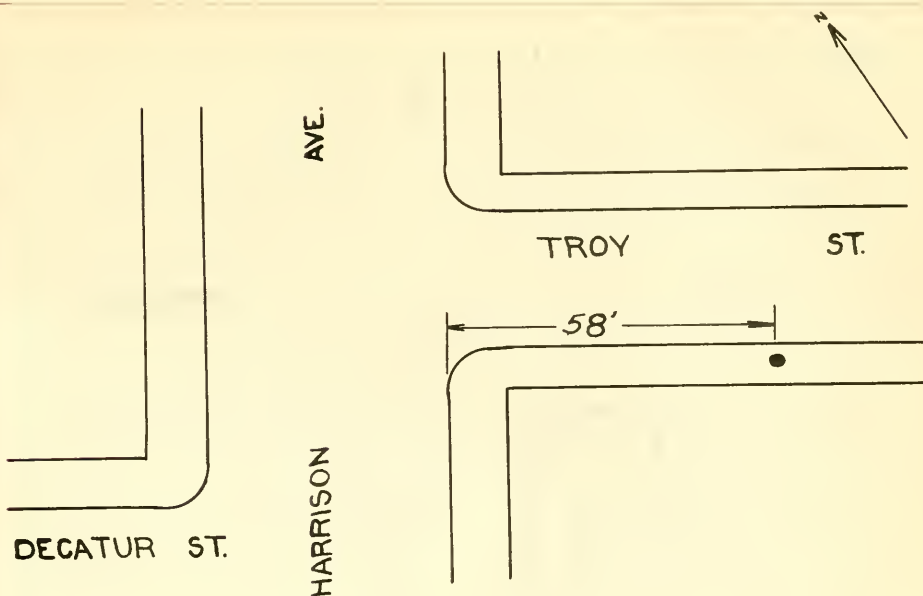
Note: See explanatory notes on first page of this book

Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Troy St. 58' E of Harrison Ave. Station No. 3-103



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/30/36 Depth 15'-6" Grade Top of Well 15.195

Readings taken over period from 5/22/36 to 4/17/37 and from 5/6/40 to date

First reading taken 5/22/36 Water at Grade 6.19

Latest reading taken 10/7/40 Water at Grade 6.95

LOWEST READING OVER ENTIRE PERIOD: 11/29/37 Water at Grade 5.36

HIGHEST READING OVER ENTIRE PERIOD: 5/28/40 Water at Grade 7.62

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sandy fill
13' sandy fill

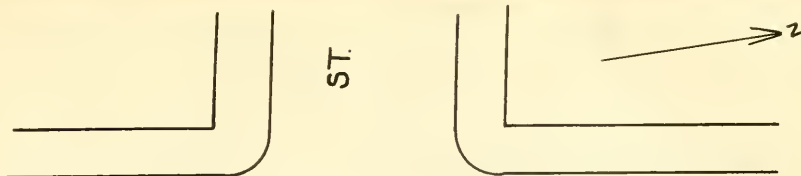
Note: See explanatory notes on first page of this book

Date of Report 10/7/40

Approved By L.B.

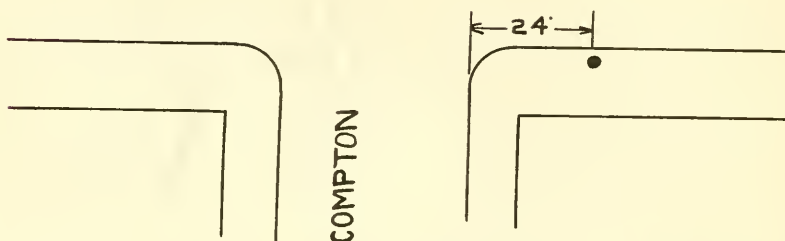
REPORT ON GROUND WATER LEVEL STATION

Location: E side of Shawmut Ave. 24' N of Compton St. Station No. 3-105



SHAWMUT

AVE.



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 5/5/36 Depth 17-6" Grade Top of Well 17.481

Readings taken over period from 5/21/36 to 4/12/39 and from 3/12/40 to date

First reading taken 5/21/36 Water at Grade 6.06

Latest reading taken 10/7/40 Water at Grade 6.15

LOWEST READING OVER ENTIRE PERIOD: 1/14/38 Water at Grade 4.73

HIGHEST READING OVER ENTIRE PERIOD: 5/26/37 Water at Grade 7.98

Data Transcribed By C.M. Checked By A.M.

Remarks:

5' fill
10' fill
15' block sand

Note: See explanatory notes on first page of this Book

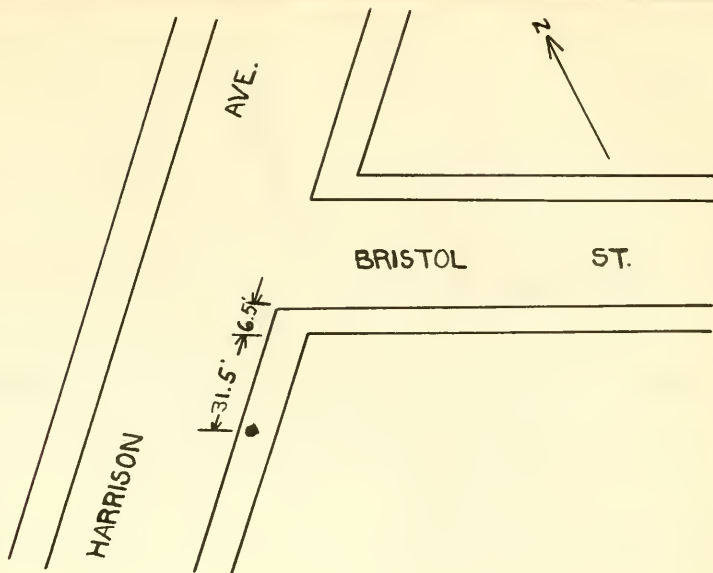
Date of Report 10/7/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Harrison Ave. 38' S of Bristol St. Station No.

3-108



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 5/11/36 Depth 15'-6" Grade Top of Well 16.750

Readings taken over period from 5/19/36 to 4/17/37 and from 3/12/40 to date

First reading taken 5/19/36 Water at Grade 7.45

Latest reading taken 10/15/40 Water at Grade 8.17

LOWEST READING OVER ENTIRE PERIOD: 11/29/37 Water at Grade 6.83

HIGHEST READING OVER ENTIRE PERIOD: 5/17/40 Water at Grade 9.67

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
15' sand & gravel

Note: See explanatory notes on first page of this Book

Date of Report 10/15/40

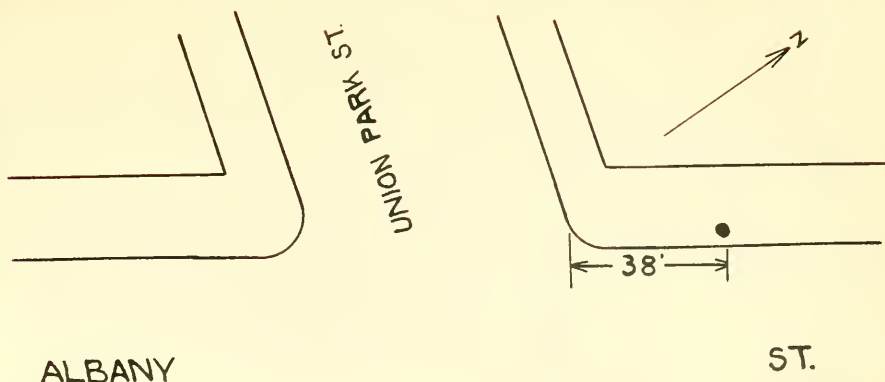
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Albany St. 38' N of Union Pk. St. Station

No.

3-111



Sketch Drawn By J.D.M:c Checked By R.K. Scale None

Well Installed 5/4/36 Depth 15'-6" Grade Top of Well 15.829

Readings taken over period from 5/21/36 to 4/17/39 and from 3/12/40 to date

First reading taken 5/21/36 Water at Grade 9.23

Latest reading taken 10/8/40 Water at Grade 7.08

LOWEST READING OVER ENTIRE PERIOD: 11/30/37 Water at Grade 5.91

HIGHEST READING OVER ENTIRE PERIOD: 3/12/40 Water at Grade 11.83

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
15' sand & silt

Note: See explanatory notes on first page of this Book

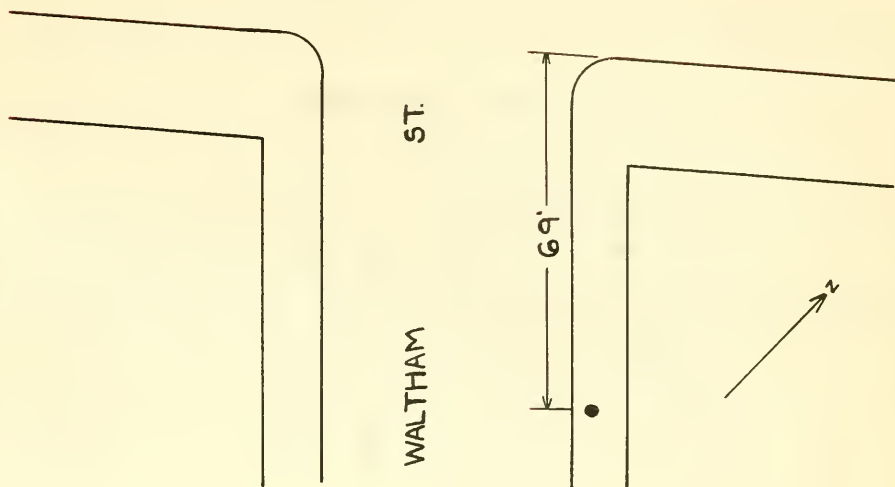
Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Waltham St. 69' E of Washington St. Station No. 3-112

WASHINGTON ST.



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 5/4/36 Depth 15'-6" Grade Top of Well 15.326

Readings taken over period from 5/15/36 to 4/12/37 and from 2/12/40 to date

First reading taken 5/15/36 Water at Grade 12.33

Latest reading taken 10/8/40 Water at Grade 9.00

LOWEST READING OVER ENTIRE PERIOD: 6/9/36 Water at Grade 5.66

HIGHEST READING OVER ENTIRE PERIOD: 9/9/38 Water at Grade 11.93

Data Transcribed By C.M. Checked By A.M.

Remarks:

5' sand & gravel
9' hard blue clay

Note: See explanatory notes on first page of this Book

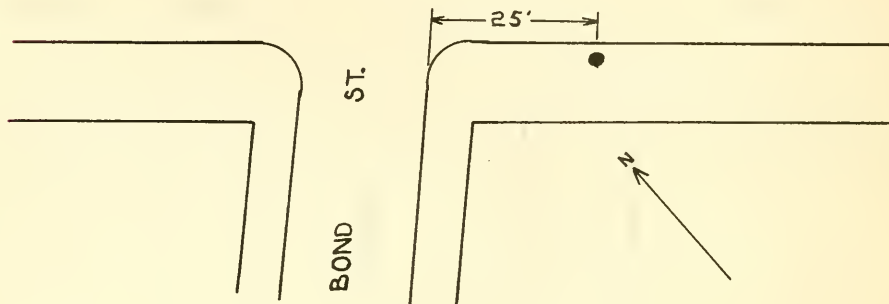
Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Milford St. 25' E of Bond St. Station No. 3-115

MILFORD ST.



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 4/30/36 Depth 132.6" Grade Top of Well 15.522

Readings taken over period from 5/14/36 to 4/10/39 and from 3/12/40 to date

First reading taken 5/14/36 Water at Grade 4.66

Latest reading taken 10/17/40 Water at Grade 6.48

LOWEST READING OVER ENTIRE PERIOD: 11/4/38 Water at Grade 4.61

HIGHEST READING OVER ENTIRE PERIOD: 8/18/37 Water at Grade 7.02

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
12' clay

Note: See explanatory notes on first page of this Book

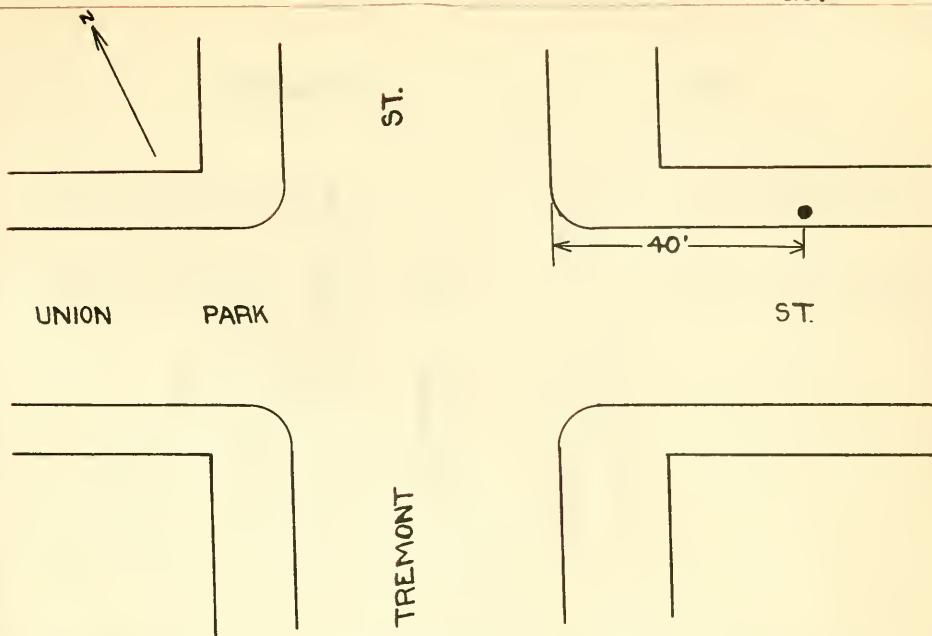
Date of Report 10/7/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Union Pk. St. 40' E of Tremont St Station No.

3-116



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 5/1/36 Depth 15'-6" Grade Top of Well 18.349

Readings taken over period from 5/18/36 to 4/12/39 and from 3/12/40 to date

First reading taken 5/18/36 Water at Grade 5.10

Latest reading taken 10/7/40 Water at Grade 8.10

LOWEST READING OVER ENTIRE PERIOD: 5/18/36 Water at Grade 5.10

HIGHEST READING OVER ENTIRE PERIOD: 5/8/40 Water at Grade 10.85

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
14' clay

Note: See explanatory notes on first page of this Book

Date of Report 10/7/40

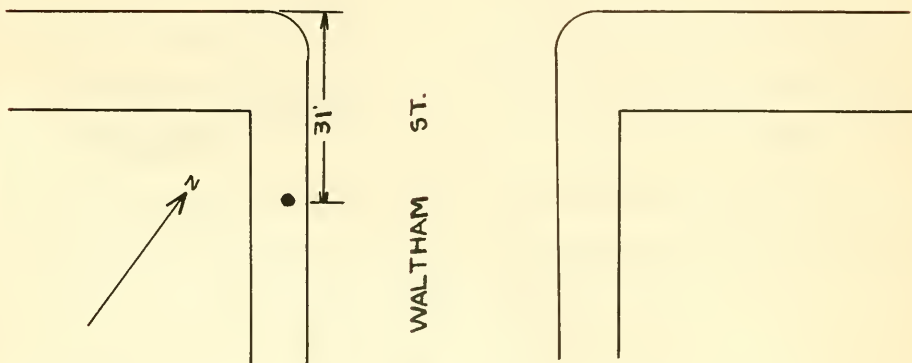
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Waltham St. 31' E of Tremont St. Station No. 3-117

TREMONT

ST.



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 5/1/36 Depth 15'-6" Grade Top of Well 16.787

Readings taken over period from 5/14/36 to 4/12/37 and from 3/12/40 to date

First reading taken 5/14/36 Water at Grade 8.79

Latest reading taken 10/7/40 Water at Grade 5.29

LOWEST READING OVER ENTIRE PERIOD: 1/14/38 Water at Grade 3.62

HIGHEST READING OVER ENTIRE PERIOD: 5/14/36 Water at Grade 8.79

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand, gravel & silt
10' sand, gravel, & silt
14' clay

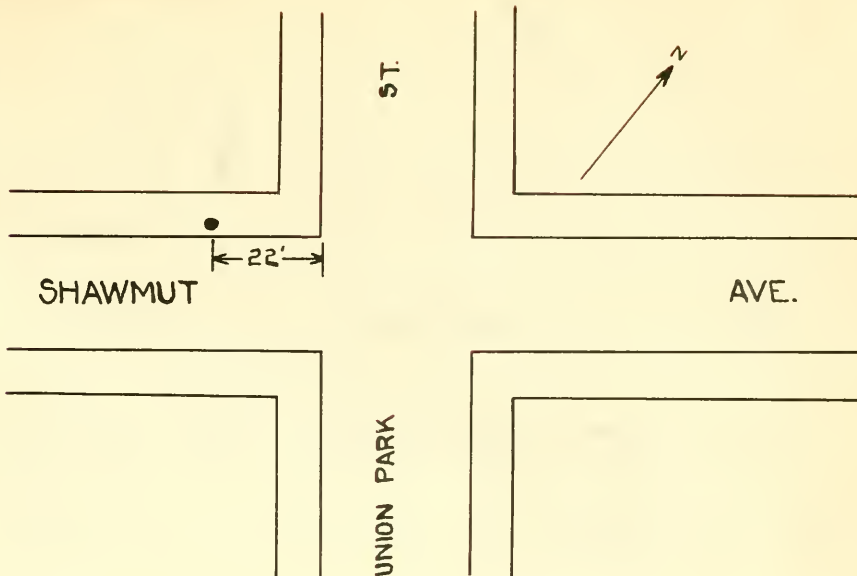
Note: See explanatory notes on first page of this Book

Date of Report 10/7/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Shawmut Ave. 22' S of Union Pl. St. Station No. 5-118



Sketch Drawn By J.O.M.C. Checked By R.K. Scale None

Well Installed 5/4/38 Depth 15-6" Grade Top of Well 14.627

Readings taken over period from 5/14/38 to 4/16/39 and from 3/12/40 to date

First reading taken 5/14/38 Water at Grade 6.21

Latest reading taken 9/27/40 Water at Grade PLUGGED

LOWEST READING OVER ENTIRE PERIOD: 2/8/37 Water at Grade 1.96

HIGHEST READING OVER ENTIRE PERIOD: 11/21/38 Water at Grade 10.03

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
11' sand & gravel
12' clay

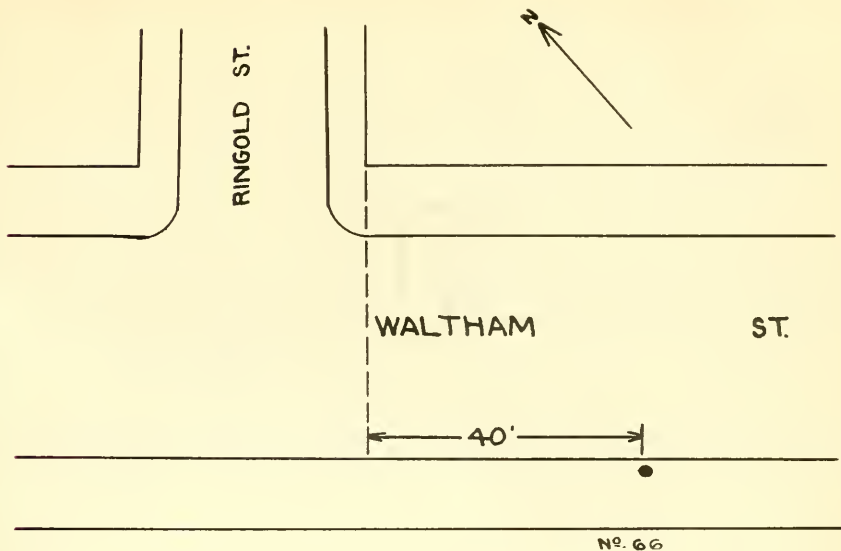
Note: See explanatory notes on first page of this Book

Date of Report 9/27/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Waltham St. opp. #66 Waltham St. Station No. 3-119



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/30/36 Depth 10'-6" Grade Top of Well 15.112

Readings taken over period from 5/14/36 to 1/17/39 and from 5/8/40 to date

First reading taken 5/14/36 Water at Grade 9.86

Latest reading taken 10/17/40 Water at Grade 5.69

LOWEST READING OVER ENTIRE PERIOD: 10/18/38 Water at Grade 2.51

HIGHEST READING OVER ENTIRE PERIOD: 5/14/36 Water at Grade 9.86

Data Transcribed By C.M. Checked By A.M.

Remarks:

6' sand & gravel
10' sand & gravel
11' clay

Note: See explanatory notes on first page of this Book

Date of Report 10/7/40

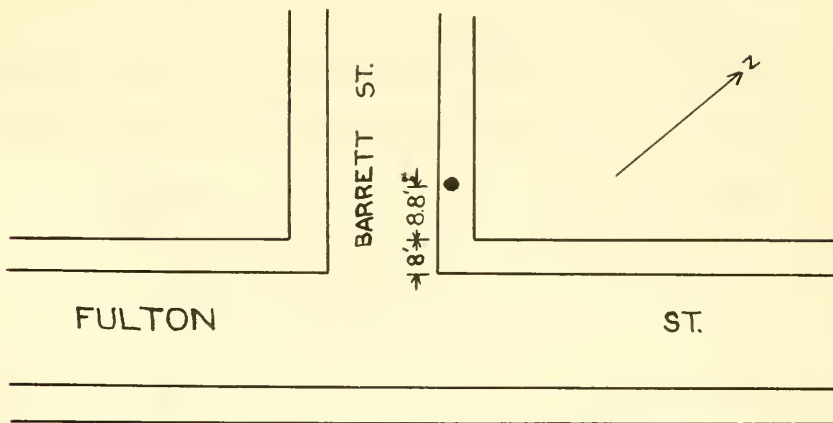
Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

16'-8"

Location: E side of Barrett St. N of Fulton St. Station No. 3-12



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/18/36 Depth 15' Grade Top of well 16.055

Readings taken over period from 9/8/36 to 7/10/37 and from 3/18/40 to date

First reading taken 9/8/36 Water at Grade 2.18

Latest reading taken 10/17/40 Water at Grade CANT OPEN

LOWEST READING OVER ENTIRE PERIOD: 1/7/38 Water at Grade 5.81

HIGHEST READING OVER ENTIRE PERIOD: 8/24/37 Water at Grade 8.31

Data Transcribed By G.M. Checked By A.M.

Remarks:

10' water level
sand & gravel

Note: See explanatory notes on first page of this Book

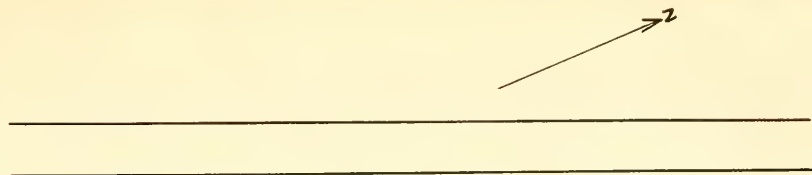
Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

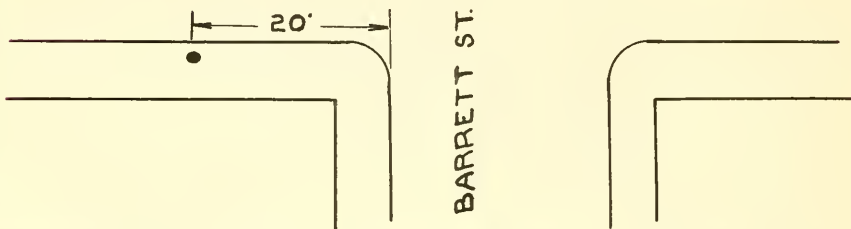
Location: E side of North St. 20' S of Barrett St.

Station
No. 3-122



NORTH

ST.



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 8/19/36 Depth 12 1/2' Grade Top of Well 15.695

Readings taken over period from 8/10/36 to 4/10/39 and from 3/14/40 to date

First reading taken 9/10/36 Water at Grade 8.70

Latest reading taken 10/17/40 Water at Grade 8.70

LOWEST READING OVER ENTIRE PERIOD: 1/7/38 Water at Grade 7.11

HIGHEST READING OVER ENTIRE PERIOD: 11/1/37 Water at Grade 9.95

Data Transcribed By R.M. Checked By A.M.

Remarks:

6 1/2' water level
sand & gravel

Note: See explanatory notes on
first page of this Book

Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

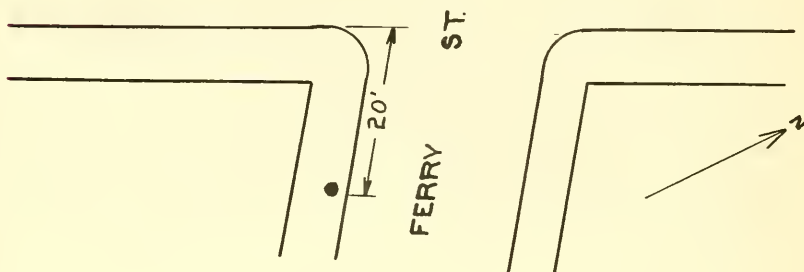
Location: S side of Ferry St. 20' E of North St.

Station
No.

3-123

NORTH

ST.



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/24/36 Depth _____ Grade Top of Well 12.534

Readings taken over period from 9/9/36 to 4/10/37 and from 4/26/40 to date

First reading taken 9/9/36 Water at Grade 8.74

Latest reading taken 10/17/40 Water at Grade 8.45

LOWEST READING OVER ENTIRE PERIOD: 1/26/37 Water at Grade 7.95

HIGHEST READING OVER ENTIRE PERIOD: 6/23/38 Water at Grade 10.45

Data Transcribed By C.M. Checked By A.M.

Remarks:

Note: See explanatory notes on first page of this Book

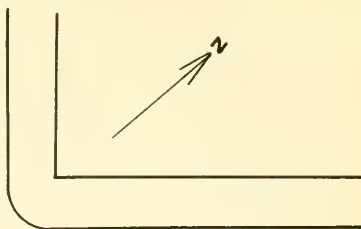
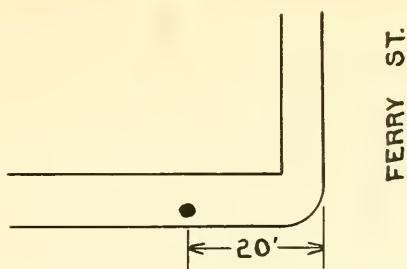
Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Fulton Street, 20' S of
Ferry Street

Station
No. 3-125



FULTON

ST.

Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 16.972

Readings taken over period from 9/9/36 to 4/10/39 and from 3/12/40 to date

First reading taken 9/9/36 Water at Grade 7.14

Latest reading taken 10/17/40 Water at Grade 6.64

LOWEST READING OVER ENTIRE PERIOD: 1/7/38 Water at Grade 5.89

HIGHEST READING OVER ENTIRE PERIOD: 8/24/37 Water at Grade 8.48

Data Transcribed By C.M. Checked By A.M.

Remarks:

Note: See explanatory notes on
first page of this Book

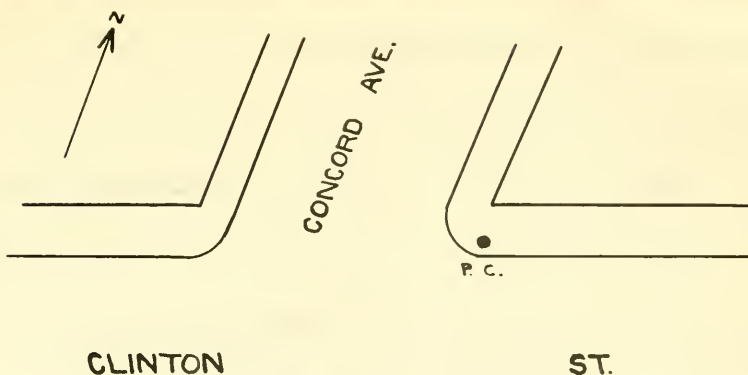
Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: On P.C. of Clinton Street and Concord Avenue.

Station No. 3-126



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 15.521

Readings taken over period from 9/10/36 to 4/10/39 and from 9/2/40 to date

First reading taken 9/10/36 Water at Grade 9.15

Latest reading taken 10/17/40 Water at Grade 9.52

LOWEST READING OVER ENTIRE PERIOD: 1/17/38 Water at Grade 6.94

HIGHEST READING OVER ENTIRE PERIOD: 5/18/37 Water at Grade 12.77

Data Transcribed By C.M. Checked By A.M.

Remarks:

Note: See explanatory notes on first page of this Book

Date of Report 10/17/40

Approved By L.B.

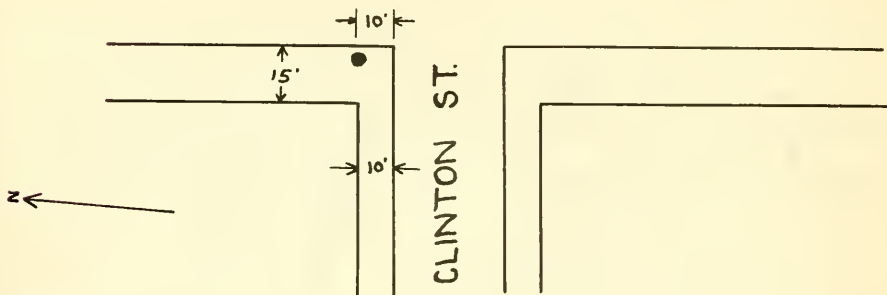
REPORT ON GROUND WATER LEVEL STATION

Location: W side of Atlantic Avenue near Clinton Street

Station No. 5-127

ATLANTIC

AVE.



Sketch Drawn By J.D.M.c. Checked By R.K. Scale None

Well Installed 8/17/36 Depth 15' Grade Top of Well 15.333

Readings taken over period from 9/10/36 to 4/11/39 and from 4/2/40 to date

First reading taken 9/10/36 Water at Grade 8.79

Latest reading taken 10/14/40 Water at Grade 10.08

LOWEST READING OVER ENTIRE PERIOD: 11/22/37 Water at Grade 7.92

HIGHEST READING OVER ENTIRE PERIOD: 8/21/40 Water at Grade 14.25

Data Transcribed By C.M. Checked By A.M.

Remarks:

1'-10' gravel fill mixed with ashes
10'-14' soft blue mud and gravel mixed
14' clay

Note: See explanatory notes on first page of this Book

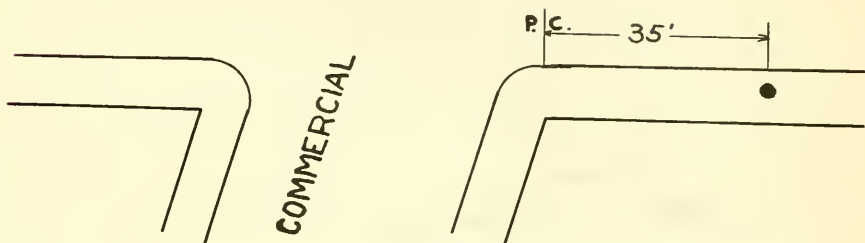
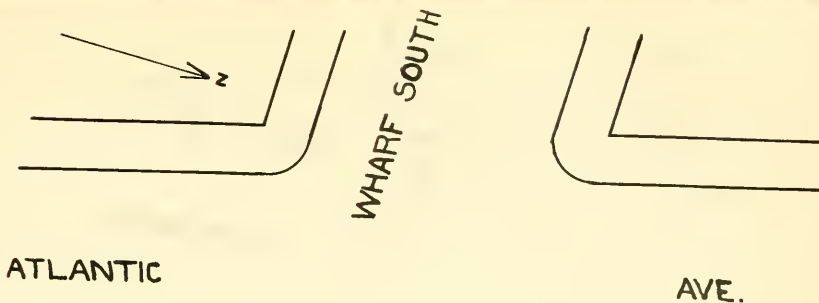
Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Atlantic Ave. 40' N of
Commercial Wharf, South

Station
No. 3-128



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/5/36 Depth 12 1/2' Grade Top of Well 15.656

Readings taken over period from 9/10/36 to 4/10/39 and from 3/18/40 to date

First reading taken 9/10/36 Water at Grade 2.49

Latest reading taken 10/14/40 Water at Grade 6.83

LOWEST READING OVER ENTIRE PERIOD: 1/7/38 Water at Grade 5.66

HIGHEST READING OVER ENTIRE PERIOD: 8/26/37 Water at Grade 8.45

Data Transcribed By C.M. Checked By A.M.

Remarks:

- 1'-3' dirt fill
- 3'-9' clay & gravel fill
- 9'-11' beach sand
- 11'-12 1/2' sand & soft clay
- 12 1/2' wood piling

Note: See explanatory notes on
first page of this Book

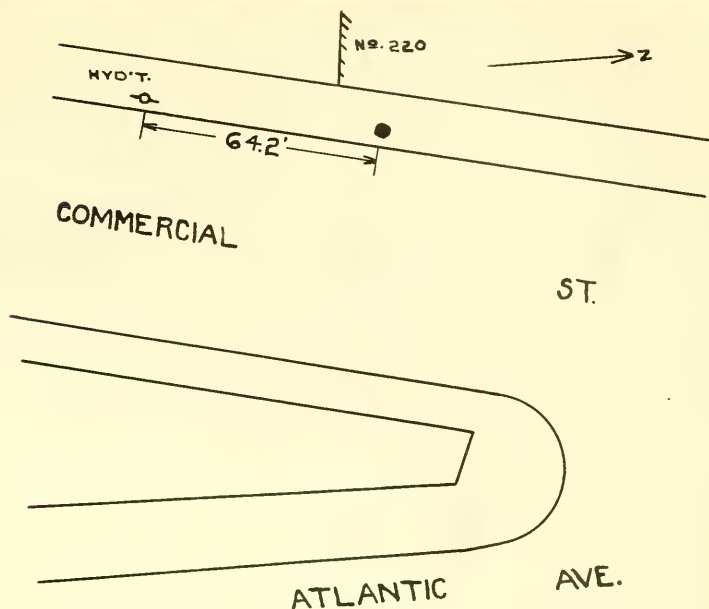
Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W. side of Commercial St. in front of
#220

Station
No. 3-129



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/10/36 Depth 15' Grade Top of Well 16.182

Readings taken over period from 9/11/36 to 4/10/39 and from 3/5/40 to date

First reading taken 9/11/36 Water at Grade 8.89

Latest reading taken 10/14/40 Water at Grade 8.89

LOWEST READING OVER ENTIRE PERIOD: 11/26/37 Water at Grade 7.64

HIGHEST READING OVER ENTIRE PERIOD: 3/18/40 Water at Grade 10.36

Data Transcribed By C.M. Checked By A.M.

Remarks:

7 1/2' water
mud & gravel fill all the way
to 14 1/2'

Note: See explanatory notes on
first page of this Book

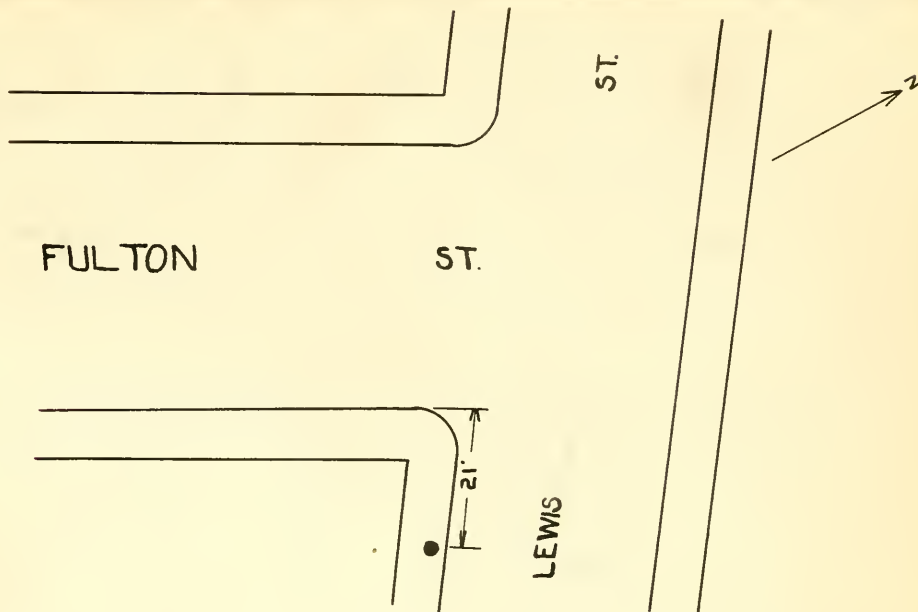
Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Lewis St. 21' W of Fulton St.

Station
No. 3-130



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 12.227

Readings taken over period from 9/11/36 to 4/10/39 and from 9/5/40 to date

First reading taken 9/11/36 Water at Grade 8.93

Latest reading taken 10/14/40 Water at Grade 8.80

LOWEST READING OVER ENTIRE PERIOD: 1/7/38 Water at Grade 8.21

HIGHEST READING OVER ENTIRE PERIOD: 9/24/38 Water at Grade 10.10

Data Transcribed By C.M. Checked By A.M.

Remarks:

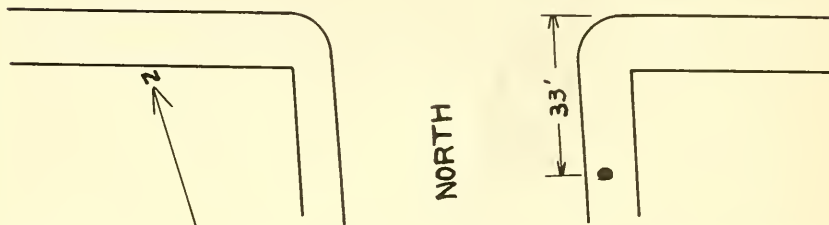
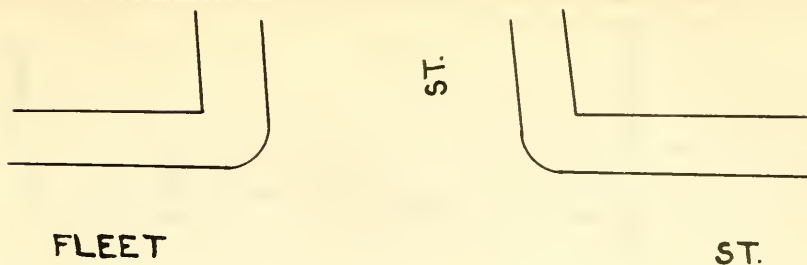
Note: See explanatory notes on first page of this Book

Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of North Street 33' S of Fleet St. Station
No. 3-131



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/11/36 Depth 15' Grade Top of Well 19.023

Readings taken over period from 9/11/36 to 4/10/39 and from 9/7/40 to date

First reading taken 9/11/36 Water at Grade 10.57

Latest reading taken 10/14/40 Water at Grade 10.52

LOWEST READING OVER ENTIRE PERIOD: 1/7/38 Water at Grade 9.27

HIGHEST READING OVER ENTIRE PERIOD: 1/12/37 Water at Grade 15.36

Data Transcribed By C.M. Checked By A.M.

Remarks:

9' water level

Note: See explanatory notes on first page of this Book

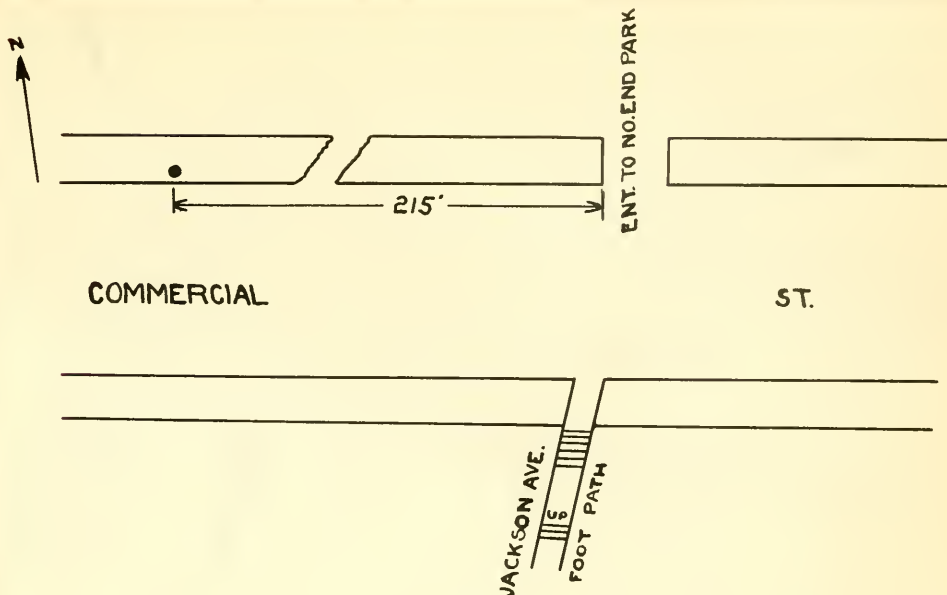
Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Commercial St., 215' W of ent to Station
N. End Prk.

No. 3-134



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/5/36 Depth 20' Grade Top of Well 20.759

Readings taken over period from 9/1/36 to 4/10/39 and from 4/8/40 to date

First reading taken 9/1/36 Water at Grade 3.51

Latest reading taken 10/14/40 Water at Grade 15.43

LOWEST READING OVER ENTIRE PERIOD: 9/1/36 Water at Grade 3.51

HIGHEST READING OVER ENTIRE PERIOD: 4/8/40 Water at Grade 20.22

Data Transcribed By C.M. Checked By A.M.

Remarks:

10' blue clay
15' blue clay
20' blue clay

Note: See explanatory notes on
first page of this Book

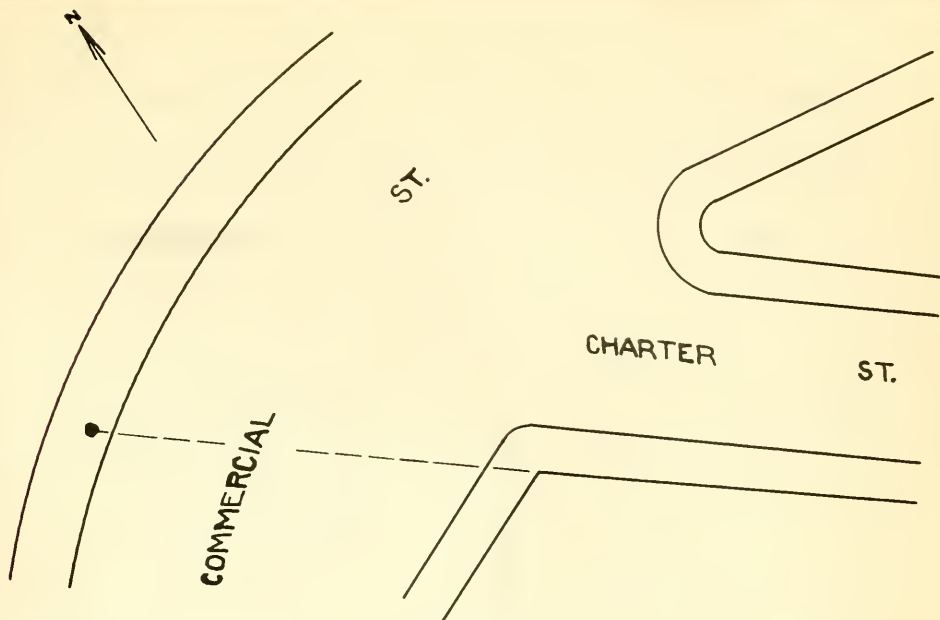
Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Commercial St. directly
opposite building line of Charter St.

Station
No. 3-135



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/10/36 Depth 12 1/2' Grade Top of Well 18.252

Readings taken over period from 9/1/36 to 4/10/39 and from 4/18/40 to date

First reading taken 9/1/36 Water at Grade 8.50

Latest reading taken 10/14/40 Water at Grade 8.33

LOWEST READING OVER ENTIRE PERIOD: 6/18/38 Water at Grade 8.09

HIGHEST READING OVER ENTIRE PERIOD: 8/25/38 Water at Grade 10.92

Data Transcribed By C.M. Checked By A.M.

Remarks:

Note: See explanatory notes on
first page of this Book

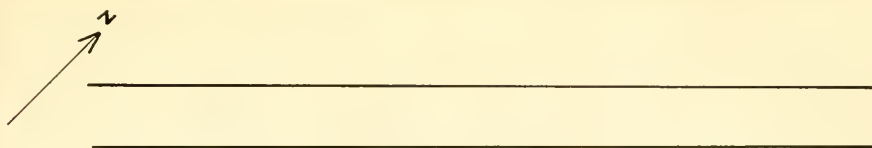
Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

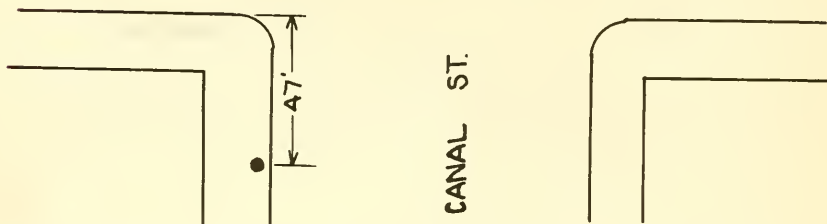
Location: S side of Canal Street 47' E of
Causeway Street

Station
No. 3-136



CAUSEWAY

ST.



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/18/36 Depth 25'-6" Grade Top of Well 15.181

Readings taken over period from 9/5/36 to 4/2/39 and from 3/5/40 to date

First reading taken 9/5/36 Water at Grade 5.18

Latest reading taken 10/10/40 Water at Grade 6.18

LOWEST READING OVER ENTIRE PERIOD: 1/12/37 Water at Grade 4.51

HIGHEST READING OVER ENTIRE PERIOD: 6/5/40 Water at Grade 6.30

Data Transcribed By C.M. Checked By A.M.

Remarks:

Surface to 7'-6" sand & gravel
7'-6" to 12'-6" sand & gravel
12'-6" to 17'-6" silty sand, no water
17'-6" to 22'-6" silty sand & mud
22'-6" to 27'-6" mud & 3' of water
19'-6" water level

Note: See explanatory notes on
first page of this Book

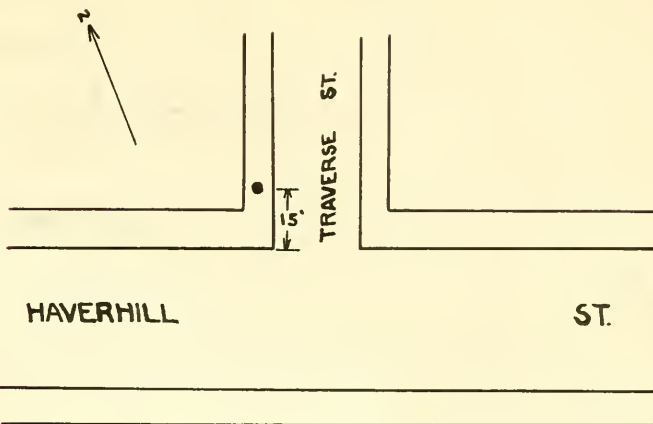
Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Traverse St., 15' N of
Haverhill St.

Station
No. 3-137



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/7/36 Depth 15'-6" Grade Top of Well 15.980

Readings taken over period from 9/15/36 to 4/10/39 and from 9/5/40 to date

First reading taken 9/15/36 Water at Grade 7.69

Latest reading taken 10/10/40 Water at Grade 7.85

LOWEST READING OVER ENTIRE PERIOD: 2/9/37 Water at Grade 7.23

HIGHEST READING OVER ENTIRE PERIOD: 8/23/37 Water at Grade 9.06

Data Transcribed By C.M. Checked By A.M.

Remarks:

Surface to 7'-6" sand & gravel
7'-6" to 12'-6" sand & gravel
12'-6" to 15'-6" silty sand & 5'-6" water
10'-6" water level

Note: See explanatory notes on
first page of this Book

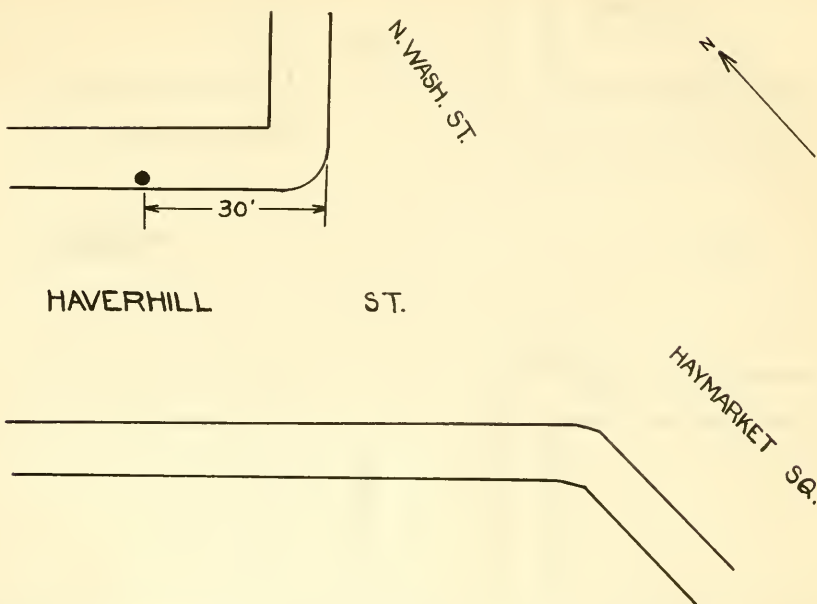
Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Haverhill St. 30' W of N.
Washington St.

Station
No. 3-138



Sketch Drawn By J.D.M.c Checked By R.K. Scale None

Well Installed 8/12/36 Depth 17'-6" Grade Top of Well 15.526

Readings taken over period from 9/15/36 to 4/10/39 and from 3/7/40 to date

First reading taken 9/15/36 Water at Grade 6.82

Latest reading taken 10/10/40 Water at Grade 6.86

LOWEST READING OVER ENTIRE PERIOD: 1/6/38 Water at Grade 5.11

HIGHEST READING OVER ENTIRE PERIOD: 3/7/40 Water at Grade 8.03

Data Transcribed By C.M. Checked By A.M.

Remarks:

Surface to 7'-6" sand & gravel
7'-6" to 12'-6" marine clay
12'-6" to 17'-6" no water
17'-6" no water

Note: See explanatory notes on
first page of this Book

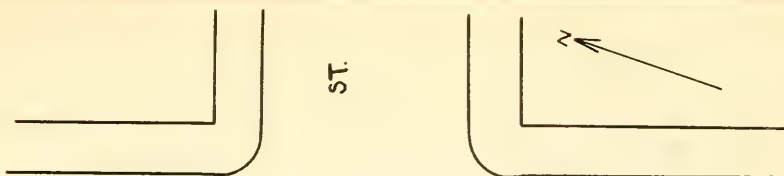
Date of Report 8/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

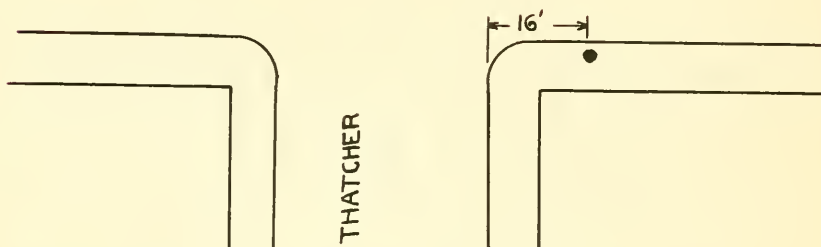
Location: W side of Endicott Street 16' S of
Thatcher Street

Station
No. 3-139



ENDICOTT

ST.



Sketch Drawn By J.D.M:c. Checked By RK Scale None

Well Installed 8/19/36 Depth 15'-6" Grade Top of Well 12.831

Readings taken over period from 9/16/36 to 4/12/39 and from 2/5/40 to date

First reading taken 9/16/36 Water at Grade 6.25

Latest reading taken 10/14/40 Water at Grade 7.54

LOWEST READING OVER ENTIRE PERIOD: 1/4/38 Water at Grade 6.25

HIGHEST READING OVER ENTIRE PERIOD: 9/7/37 Water at Grade 10.33

Data Transcribed By C.M. Checked By A.M.

Remarks:

Surface to 7'-6" sand & gravel
7'-6" to 12'-6" sand & gravel
12'-6" to 17'-6" sand silt
9'-6" water level

Note: See explanatory notes on
first page of this Book

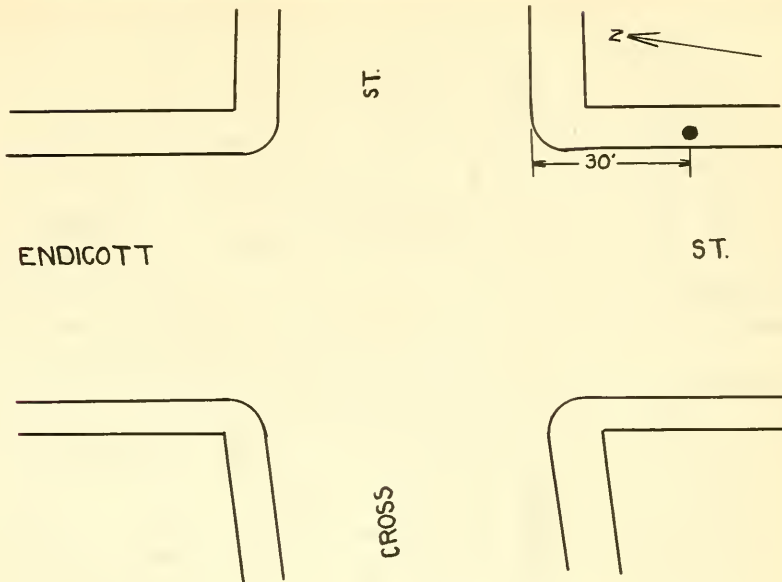
Date of Report 10/14/40

Approved L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Endicott Street 30' S of
Cross Street

Station
No. 3-141



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/24/36 Depth 15'-6" Grade Top of Well 17.853

Readings taken over period from 7/16/36 to 4/10/39 and from 3/7/40 to date

First reading taken 9/16/36 Water at Grade 9.93

Latest reading taken 10/14/40 Water at Grade 11.68

LOWEST READING OVER ENTIRE PERIOD: 1/16/38 Water at Grade 8.60

HIGHEST READING OVER ENTIRE PERIOD: 7/3/40 Water at Grade 12.10

Data Transcribed By C.M. Checked By A.M.

Remarks:

Surface to 7'-6" sand & gravel
7'-6" to 12'-6" filling
12'-6" to 17'-6" fill and 5' of water
10'-6" water level

Note: See explanatory notes on
first page of this Book

Date of Report 10/14/40

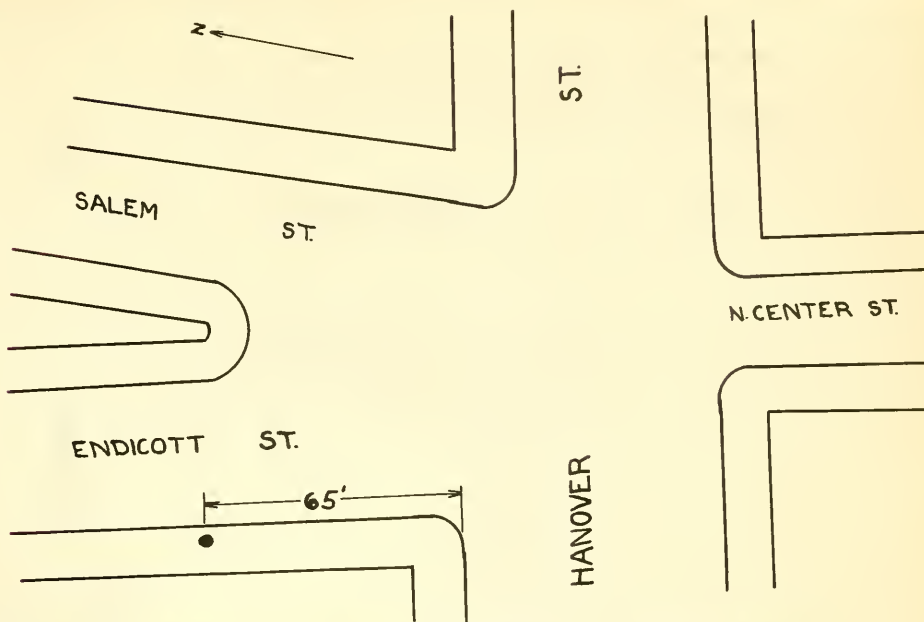
Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: W side of Endicott St., 65' N of
Hanover Street

Station
No. 3-142



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 8/25/36 Depth 19'-6" Grade Top of Well 20.581

Readings taken over period from 9/16/36 to 4/10/39 and from 4/9/40 to date

First readings taken 9/16/36 Water at Grade 11.89

Latest reading taken 10/14/40 Water at Grade 12.29

LOWEST READING OVER ENTIRE PERIOD: 5/12/37 Water at Grade 10.41

HIGHEST READING OVER ENTIRE PERIOD: 11/17/36 Water at Grade 16.08

Data Transcribed By C.M. Checked By A.M.

Remarks:

Surface to 7'-6" sand & gravel
7'-6" to 12'-6" dark sand
8'-6" water level

Note: See explanatory notes on
first page of this Book

Date of Report 10/14/40

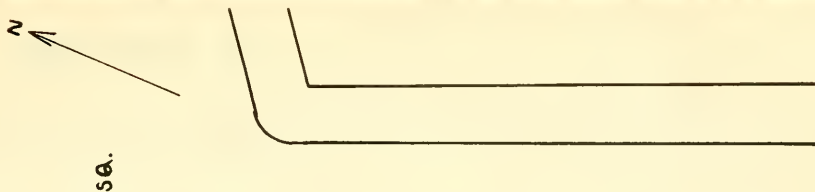
Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: S side of Blackstone Street 18' E of
Haymarket Square

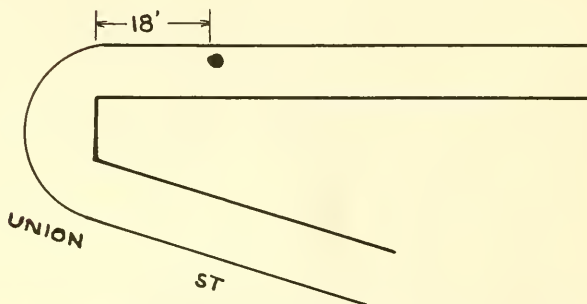
Station
No. 3-143



BLACKSTONE

ST.

HAYMARKET



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/25/36 Depth 15' Grade Top of Well 19.006

Readings taken over period from 9/16/36 to 4/10/39 and from 3/7/40 to date

First reading taken 9/16/36 Water at Grade 8.26

Latest reading taken 10/14/40 Water at Grade 8.30

LOWEST READING OVER ENTIRE PERIOD: 1/6/38 Water at Grade 6.84

HIGHEST READING OVER ENTIRE PERIOD: 12/7/36 Water at Grade 10.26

Data Transcribed By C.M. Checked By A.M.

Remarks:

11' water
17' gravel & brick & stone

Note: See explanatory notes on
first page of this Book

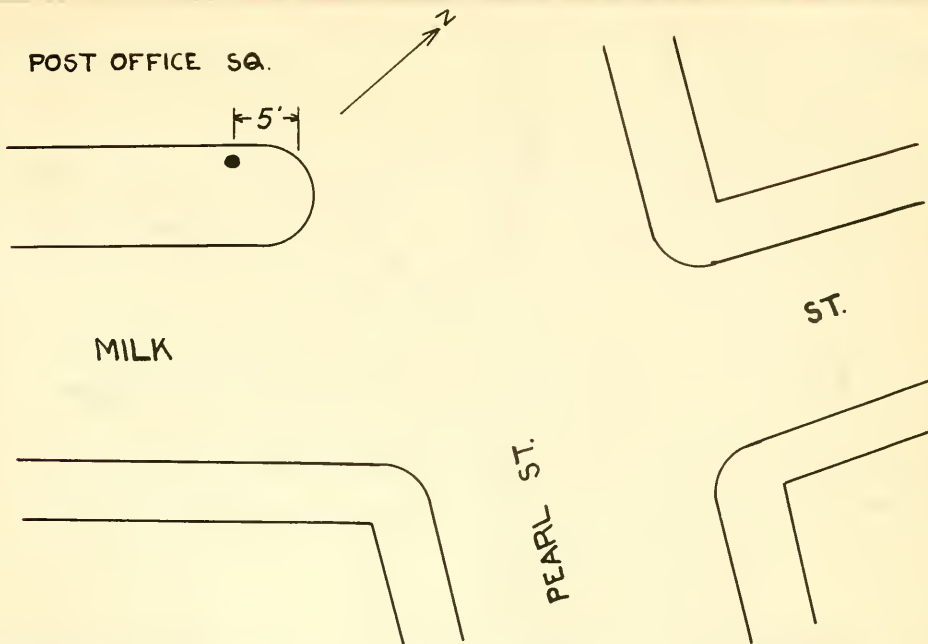
Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: Centre on Island in Post Office Square
at junction of Milk and Pearl Streets

Station
No. 3-144



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 9/30/36 Depth 15'-6" Grade Top of Well 19.551

Readings taken over period from 11/9/36 to 4/11/39 and from 3/11/40 to date

First reading taken 11/9/36 Water at Grade 2.30

Latest reading taken 10/17/40 Water at Grade 6.92

LOWEST READING OVER ENTIRE PERIOD: 2/23/37 Water at Grade 6.14

HIGHEST READING OVER ENTIRE PERIOD: 4/14/37 Water at Grade 9.30

Data Transcribed By C.M. Checked By A.M.

Remarks:

2' concrete
2'-10' sand fill
10'-13' sand
13'-15'-6" clay & sand

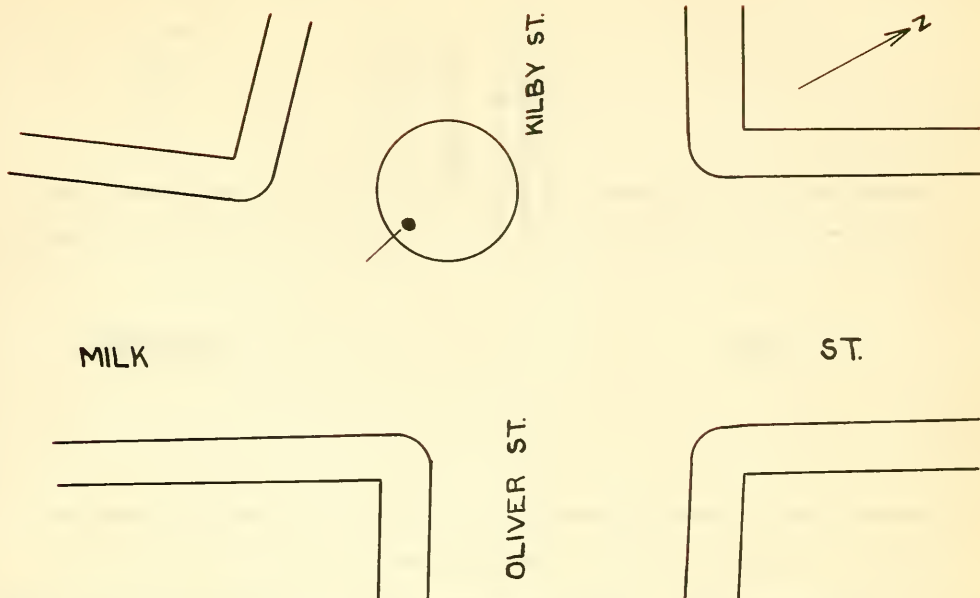
Note: See explanatory notes on
first page of this Book

Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: On Island in Kilby Street opposite Oliver St. Station No. 3-1



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 9/29/36 Depth 15'-6" Grade Top of Well 19.920

Readings taken over period from 1/9/36 to 4/11/39 and from 3/11/40 to date

First reading taken 11/9/36 Water at Grade 7.74

Latest reading taken 10/17/40 Water at Grade 7.65

LOWEST READING OVER ENTIRE PERIOD: 11/26/37 Water at Grade 6.83

HIGHEST READING OVER ENTIRE PERIOD: 8/27/38 Water at Grade 9.12

Data Transcribed By C.M. Checked By A.M.

Remarks:

11' sand & gravel fill
11' to 15'-6" sand running into clay
10' (about) water

Note: See explanatory notes on first page of this Book

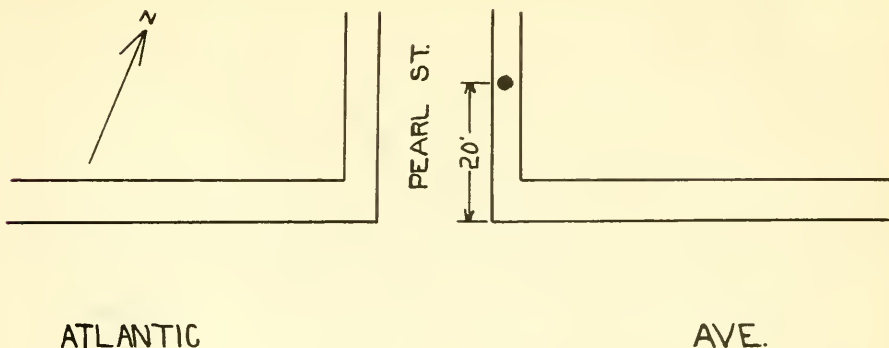
Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Pearl Street 20' N of
Atlantic Avenue

Station
No. 3-147



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 10/5/36 Depth 15'-6" Grade Top of Well 12.547

Readings taken over period from 11/9/36 to 11/11/39 and from 3/5/40 to date

First reading taken 11/9/36 Water at Grade 9.13

Latest reading taken 10/17/40 Water at Grade 8.59

LOWEST READING OVER ENTIRE PERIOD: 11/26/37 Water at Grade 7.63

HIGHEST READING OVER ENTIRE PERIOD: 8/25/37 Water at Grade 9.46

Data Transcribed By C.M. Checked By A.M.

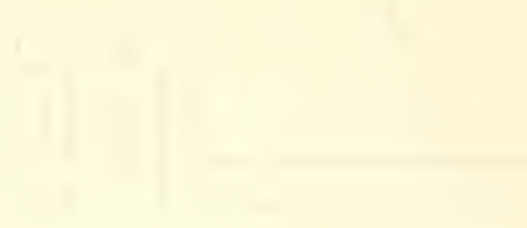
Remarks:

9' (about) water
11' sand fill
11' to 15'-6" coarse sand

Note: See explanatory notes on
first page of this Book

Date of Report 10/17/40

Approved By L.B.



THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.
1911

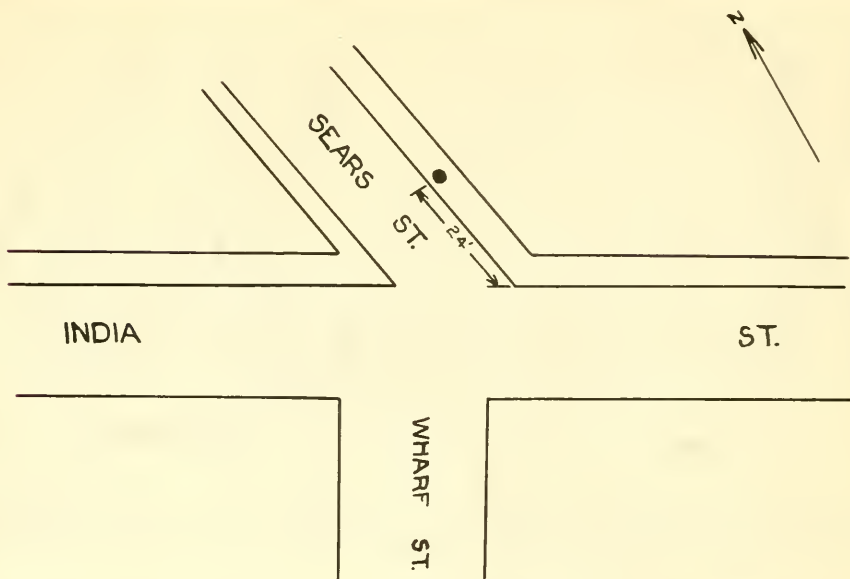
THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.
1911

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.
1911

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Sears Street 24' N of
India Street

Station
No. 3-148



Sketch Drawn By J.O.M.C. Checked By R.K. Scale None

Well Installed 10/5/36 Depth 15'-6" Grade Top of Well 15.849

Readings Taken over period from 11/9/36 to 4/1/39 and from 3/9/40 to date

First reading taken 11/9/36 Water at Grade 7.09

Latest reading taken 10/17/40 Water at Grade 6.88

LOWEST READING OVER ENTIRE PERIOD: 10/4/38 Water at Grade 6.32

HIGHEST READING OVER ENTIRE PERIOD: 12/26/37 Water at Grade 9.01

Data Transcribed By O.M. Checked By A.M.

Remarks:

9' (about) water
15'-6" fill, sand & silty sand

Note: See explanatory notes on
first page of this Book

Date of Report 10/17/40

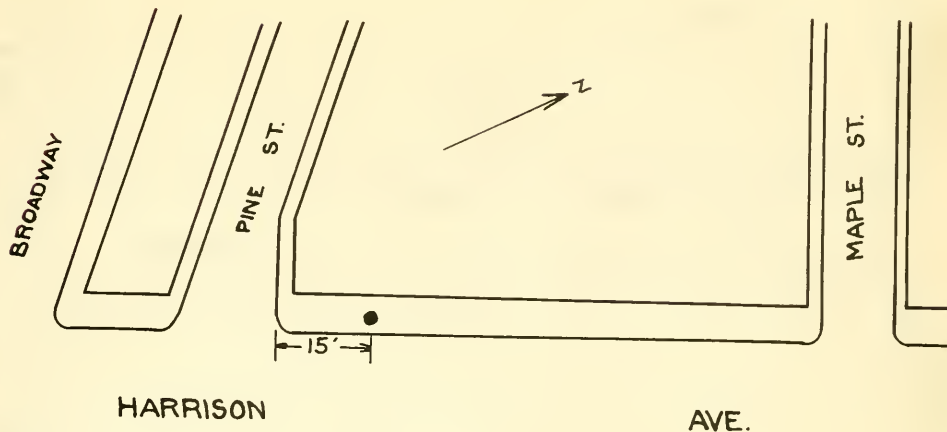
Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: N side of Harrison Ave. 15' E of Pine Street

Station No. 3-149



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 11/18/38 Depth 20' Grade Top of Well 18.37

Readings taken over period from 2/7/38 to 4/12/39 and from 9/20/40 to date

First reading taken 2/7/38 Water at Grade 9.29

Latest reading taken 10/8/40 Water at Grade 9.04

LOWEST READING OVER ENTIRE PERIOD: 2/20/39 Water at Grade 8.12

HIGHEST READING OVER ENTIRE PERIOD: 10/5/38 Water at Grade 9.57

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-15' gravel & clay fill
15'-20' sand & clay
14' (about) water

Note: See explanatory notes on first page of this Book

Date of Report 10/8/40

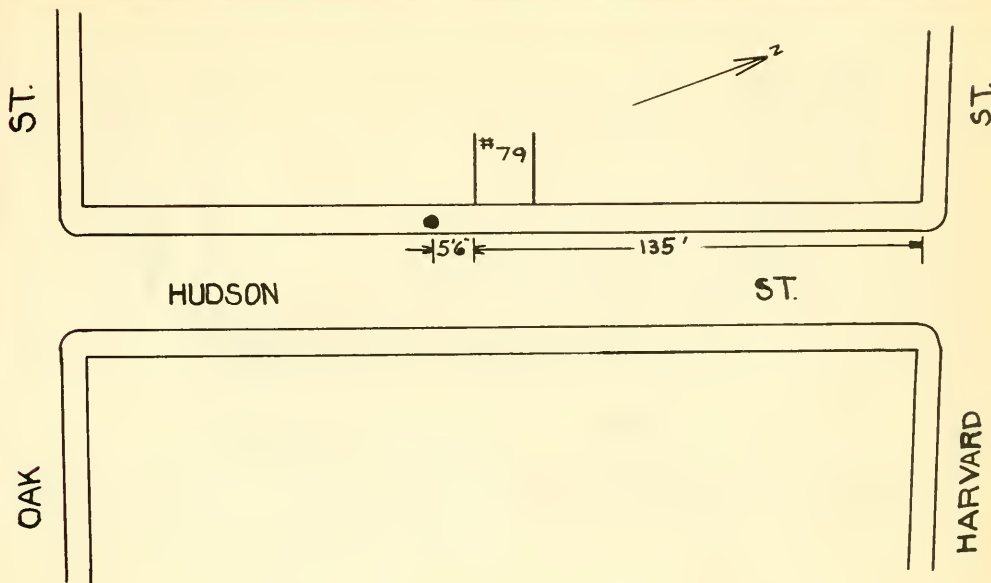
Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: W side of Hudson St., 135' S of Harvard
St. (5'-6" S of #79 Hudson St.

Station
No. 3-150



Sketch Drawn By J.D.M.E.C. Checked By R.K. Scale None

Well Installed 1/14/38 Depth 20' Grade Top of Well 16.24

Readings taken over period from 2/7/38 to 4/12/39 and from 3/20/40 to date

First reading taken 2/7/38 Water at Grade 6.36

Latest reading taken 10/8/40 Water at Grade 6.36

LOWEST READING OVER ENTIRE PERIOD: 8/27/38 Water at Grade 2.44

HIGHEST READING OVER ENTIRE PERIOD: 4/2/40 Water at Grade 10.86

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-16' gravel, waste fill
16'-20' sand & clay
14' (about) water

Note: See explanatory notes on
first page of this Book

Date of Report 10/8/40

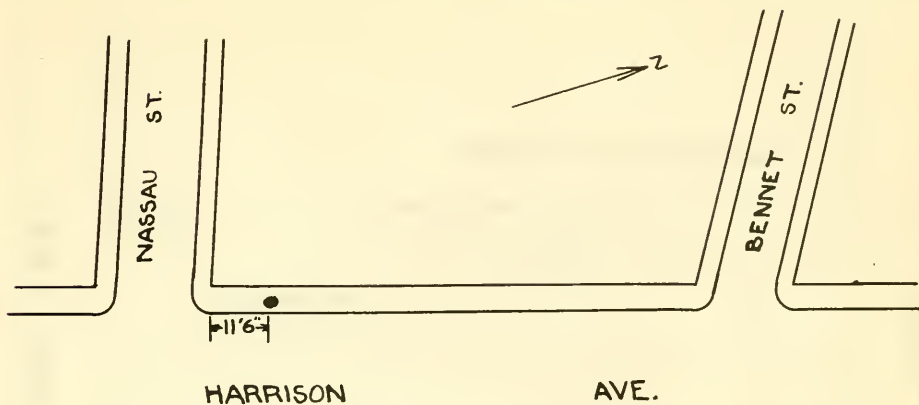
Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: N side of Harrison Ave. 11'6" E of
Nassau Street

Station
No. 3-151



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 1/20/38 Depth 20' Grade Top of Well 16.26

Readings taken over period from 4/28/38 to 4/12/39 and from 9/20/40 to date

First reading taken 4/28/38 Water at Grade 8.88

Latest reading taken 10/8/40 Water at Grade 8.76

LOWEST READING OVER ENTIRE PERIOD: 4/22/40 Water at Grade 7.76

HIGHEST READING OVER ENTIRE PERIOD: 8/8/38 Water at Grade 9.36

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-14' fill, gravel & waste material
14'-20' clay & sand

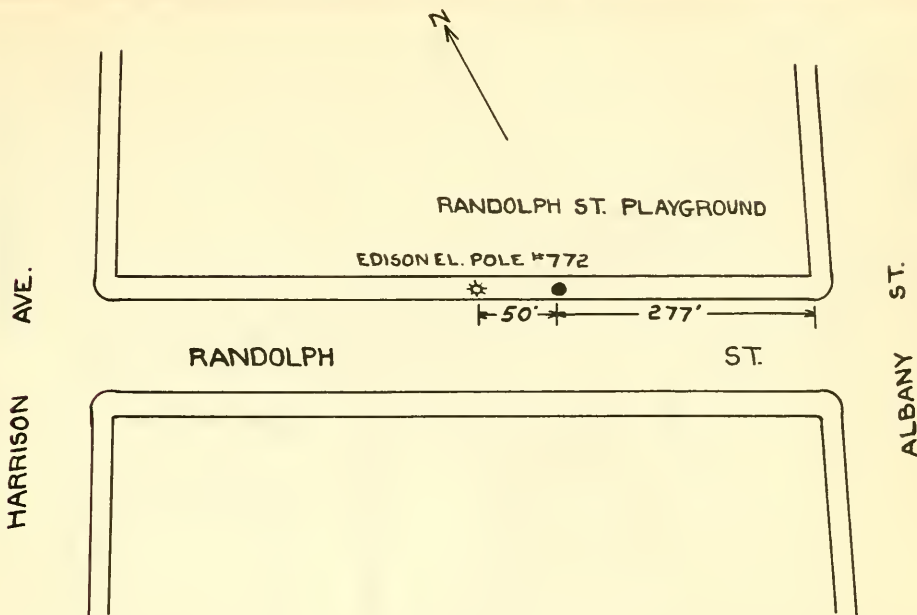
Note: See explanatory notes on
first page of this Book

Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Randolph St. 277' N of Albany Station
St. (50' S of Edison El. Pole #772) No. 3-152



Sketch Drawn By J.O.M:c. Checked By R.K. Scale None

Well Installed 4/24/38 Depth 15' Grade Top of Well 12.77

Readings taken over period from 4/29/38 to 4/17/39 and from 9/25/40 to date

First reading taken 4/29/38 Water at Grade 6.19

Latest reading taken 9/26/40 Water at Grade 5.44

LOWEST READING OVER ENTIRE PERIOD: 9/26/40 Water at Grade 5.44

HIGHEST READING OVER ENTIRE PERIOD: 2/21/39 Water at Grade 7.99

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-9' fill, gravel & waste
9'-15' sand

Note: See explanatory notes on first page of this Book

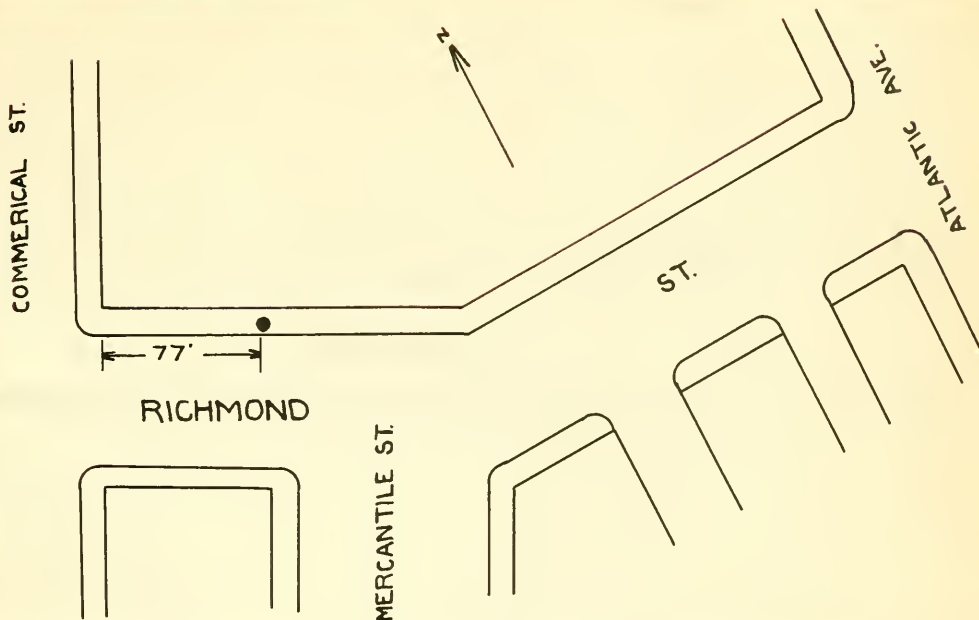
Date of Report 9/26/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Richmond St. 77' E of
Commercial Street

Station
No. 3-153



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 1/28/38 Depth 15' Grade Top of Well 16.24

Readings taken over period from 4/23/38 to 4/10/39 and from 5/5/40 to date

First reading taken 4/23/38 Water at Grade 6.99

Latest reading taken 10/17/40 Water at Grade 8.95

LOWEST READING OVER ENTIRE PERIOD: 10/4/38 Water at Grade 6.64

HIGHEST READING OVER ENTIRE PERIOD: 9/16/40 Water at Grade 8.99

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-15' fill, waste & sand
9' (about) water

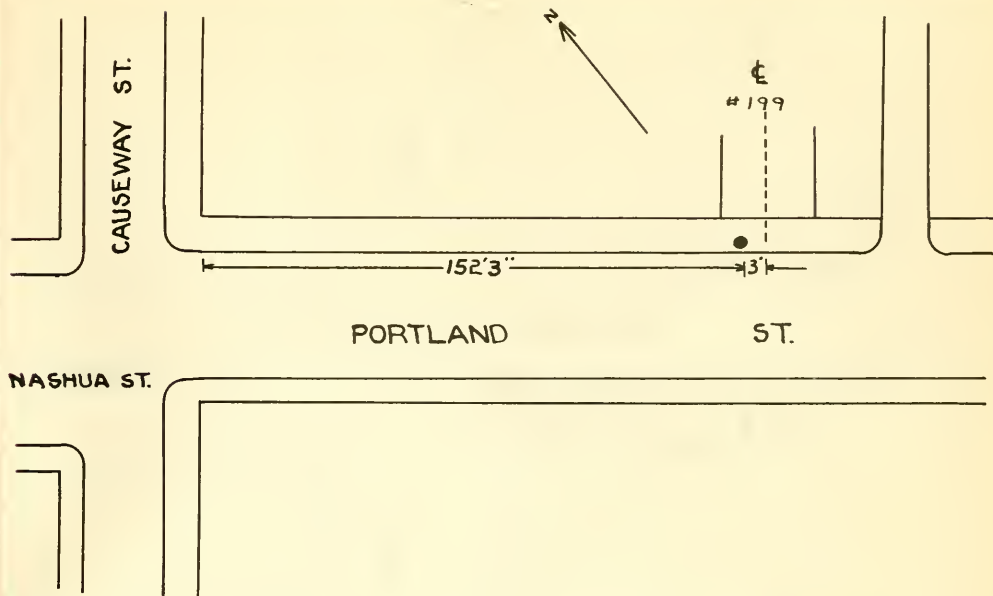
Note: See explanatory notes on
first page of this Book

Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Portland St., 152' E of Causeway Station
Street No. 3-154



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 1/26/38 Depth 20' Grade Top of Well 16.01

Readings taken over period from 4/21/38 to 4/7/39 and from 3/27/40 to date

First reading taken 4/21/38 Water at Grade 7.51

Latest reading taken 10/10/40 Water at Grade 7.84

LOWEST READING OVER ENTIRE PERIOD: 3/27/40 Water at Grade 6.59

HIGHEST READING OVER ENTIRE PERIOD: 8/2/38 Water at Grade 8.11

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-15' fill, gravel & clay
15'-20' sand & clay - slow well

Note: See explanatory notes on first page of this Book

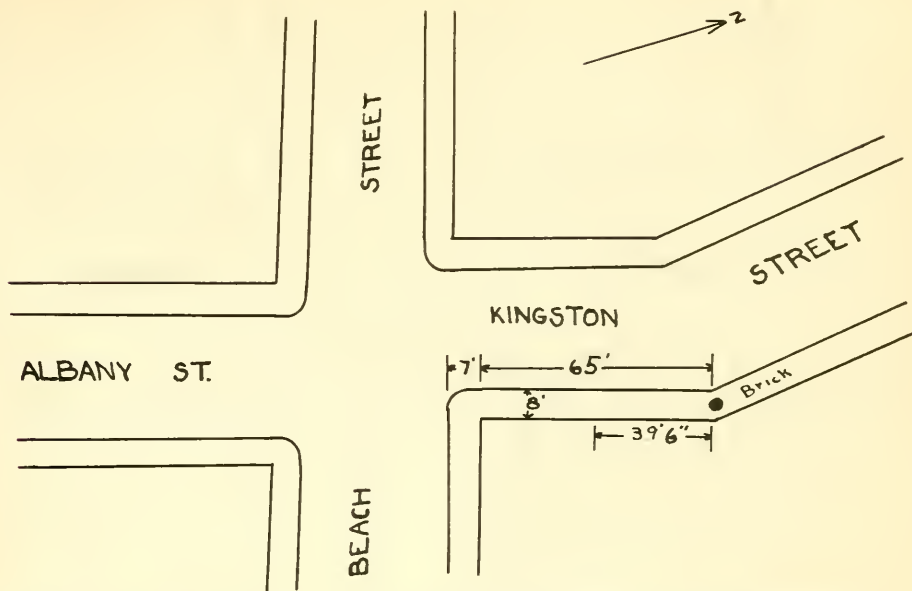
Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Kingston St., 72' N of
Beach Street

Station
No. 3-155



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 3/5/38 Depth 15' Grade Top of Well 16.20

Readings taken over period from 6/29/38 to 4/2/39 and from 9/20/40 to date

First reading taken 6/22/38 Water at Grade 7.12

Latest reading taken 10/3/40 Water at Grade 6.38

LOWEST READING OVER ENTIRE PERIOD: 4/22/40 Water at Grade 5.32

HIGHEST READING OVER ENTIRE PERIOD: 2/20/39 Water at Grade 7.95

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-9' fill, sand & gravel
9'-15' sand & clay

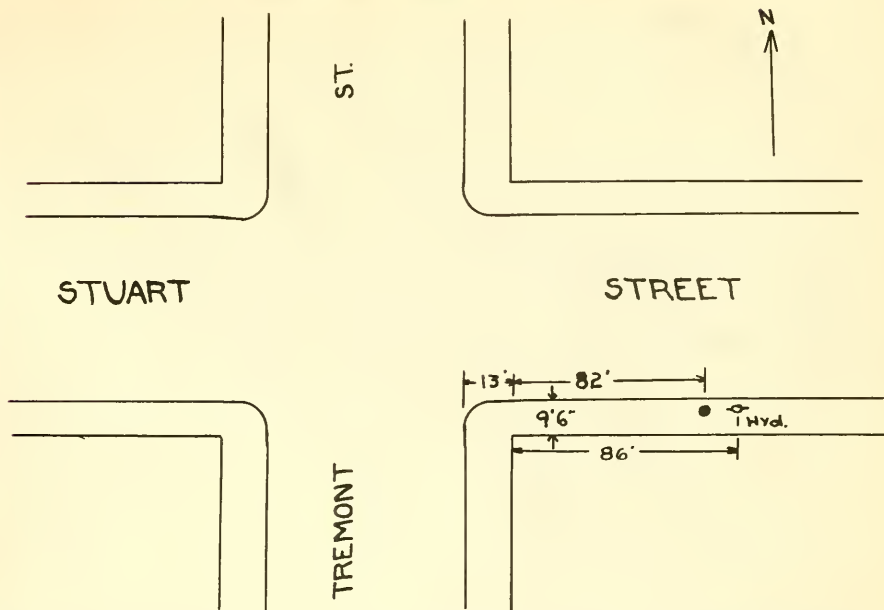
Note: See explanatory notes on
first page of this Book

Date of Report 10/3/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Stuart Street, next to hydrant, Station
95' E of Tremont Street No. 3-156



Sketch Drawn By J.D.M:c Checked By R.K. Scale None

Well Installed 3/31/38 Depth 15' Grade Top of Well 2.29

Readings taken over period from 6/28/38 to 4/12/39 and from 5/1/40 to date

First reading taken 6/28/38 Water at Grade 2.29

Latest reading taken 9/23/40 Water at Grade DRY

LOWEST READING OVER ENTIRE PERIOD: 2/20/39 Water at Grade 6.32

HIGHEST READING OVER ENTIRE PERIOD: 7/1/38 Water at Grade 8.54

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-6' sand & gravel
6'-9' sand & clay

Note: See explanatory notes on first page of this Book

Date of Report 9/23/40

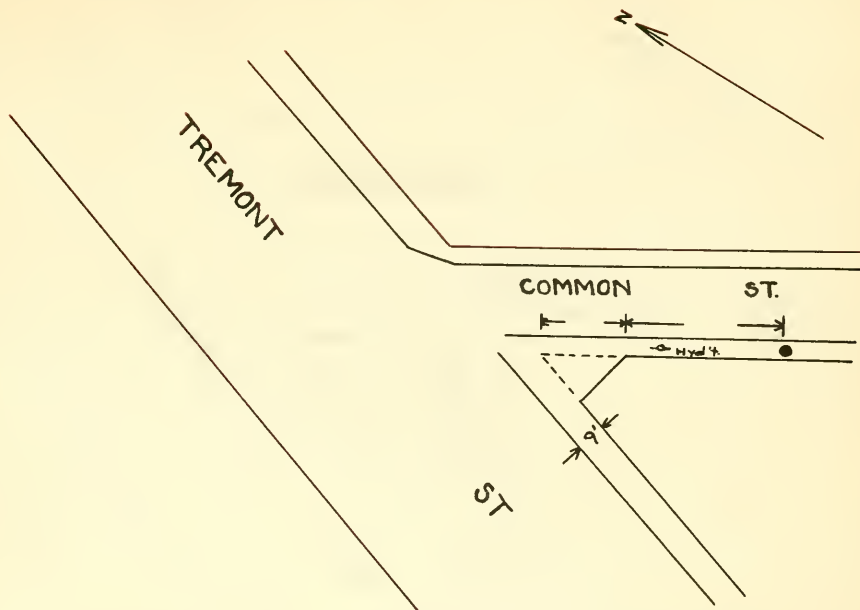
Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: W side of Common St. 25' S of Tremont St. Station

No. 3-15



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 3/29/38 Depth 20' Grade Top of Well 92.39

Readings taken over period from 4/28/38 to 4/12/39 and from 3/21/40 to date

First reading taken 6/28/38 Water at Grade 13.39

Latest reading taken 10/8/40 Water at Grade 13.39

LOWEST READING OVER ENTIRE PERIOD: 2/20/39 Water at Grade 12.04

HIGHEST READING OVER ENTIRE PERIOD: 5/1/40 Water at Grade 14.81

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-8' fill, gravel & waste
8'-20' sand, high clay content

Note: See explanatory notes on first page of this Book

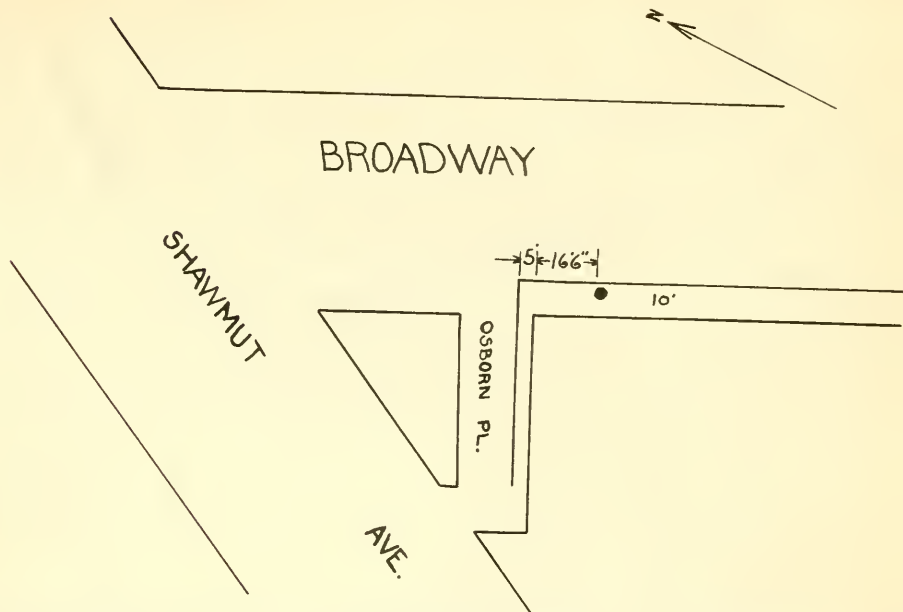
Date of Report 10/8/40

Approved by L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Broadway, 21'-6" S of Osborn
Pl. near Shawmut Avenue

Station
No. 3-158



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 3/30/38 Depth 20' Grade Top of Well 21.01

Readings taken over period from 6/28/38 to 4/12/39 and from 3/21/40 to date

First reading taken 6/28/38 Water at Grade 3.43

Latest reading taken 10/8/40 Water at Grade 11.09

LOWEST READING OVER ENTIRE PERIOD: 2/20/39 Water at Grade 1.29

HIGHEST READINGS OVER ENTIRE PERIOD: 6/18/40 Water at Grade 11.30

Data Transcribed By C.M. Checked By A.M.

Remarks:

Slow well
0'-12' fill, gravel
12'-20' clay, some sand

Note: See explanatory notes on
first page of this Book

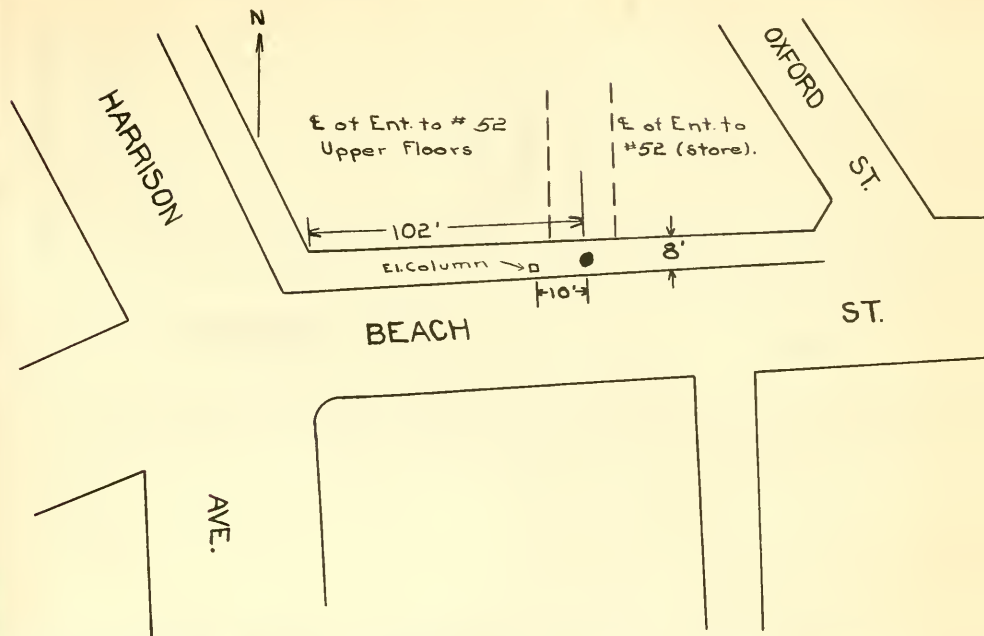
Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Beach St., in front of
entrance to #52

Station
No. 3-161



Sketch Drawn By J.D.M.c. Checked By R.K. Scale None

Well Installed 8/14/38 Depth 15' Grade Top of Well 16.56

Readings taken over period from 9/13/38 to 4/12/39 and from 2/24/40 to date

First reading taken 9/13/38 Water at Grade 8.11

Latest reading taken 10/15/40 Water at Grade 6.23

LOWEST READING OVER ENTIRE PERIOD: 5/23/40 Water at Grade 5.35

HIGHEST READING OVER ENTIRE PERIOD: 9/13/38 Water at Grade 8.11

Data Transcribed By C.M. Checked By A.M.

Remarks:

1'-6' gravel
6'-8' mud
8'-14' blue clay
17' case driven

Note: See explanatory notes on
first page of this Book

Date of Report 10/15/40

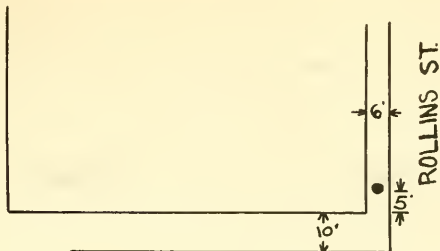
approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Rollins St., 5' N of
Harrison Avenue

Station
No. 3-162

WALTHAM ST.



ROLLINS ST.

HARRISON

AVE.

Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/18/38 Depth 15' Grade Top of Well 16.47

Readings taken over period from 9/13/38 to 4/17/39 and from 3/25/40 to date

First reading taken 9/13/38 Water at Grade 9.42

Latest reading taken 10/8/40 Water at Grade 9.05

LOWEST READING OVER ENTIRE PERIOD: 2/21/39 Water at Grade 7.65

HIGHEST READING OVER ENTIRE PERIOD: 9/13/38 Water at Grade 9.42

Date Transcribed By C.M. Checked By A.M.

Remarks:

0'-8' filling
8'-14'-6" clay & sand

Note: See explanatory notes on
first page of this Book

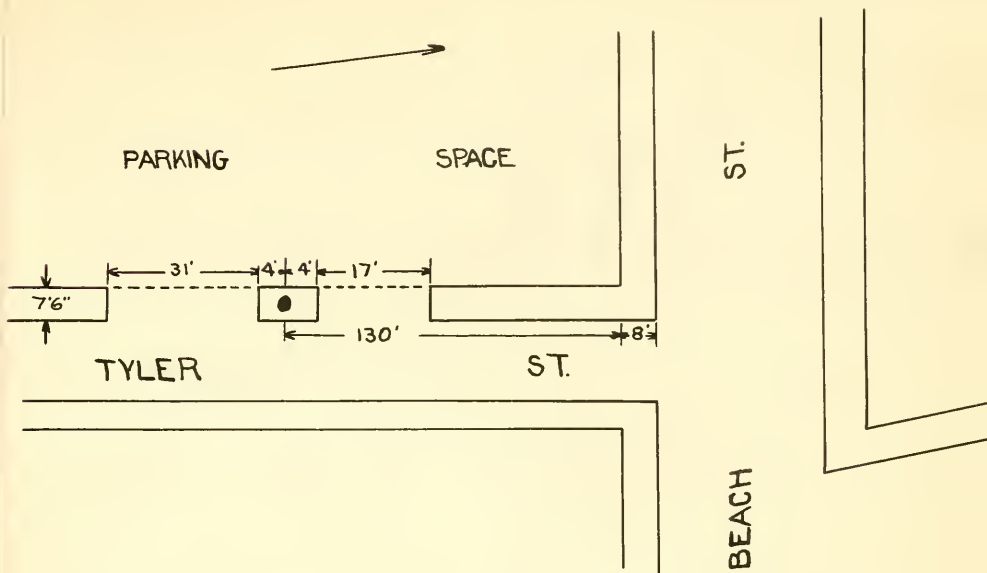
Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Tyler Street, 138' S of
Beach Street in front of Parking Space

Station
No. 3-163



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 8/24/38 Depth 15' Grade Top of Well 16.48

Readings taken over period from 9/9/38 to 4/12/39 and from 5/24/40 to date

First reading taken 9/9/38 Water at Grade 2.18

Latest reading taken 10/15/40 Water at Grade 8.23

LOWEST READING OVER ENTIRE PERIOD: 12/27/38 Water at Grade 6.08

HIGHEST READING OVER ENTIRE PERIOD: 6/12/40 Water at Grade 8.48

Data Transcribed By C.M. Checked By A.M.

Remarks:

- 1'-8' gravel
- 8'-12' sand & mud
- 12'-15' soft blue mud
- 6' water

Note: See explanatory notes on first page of this Book

Date of Report 10/15/40

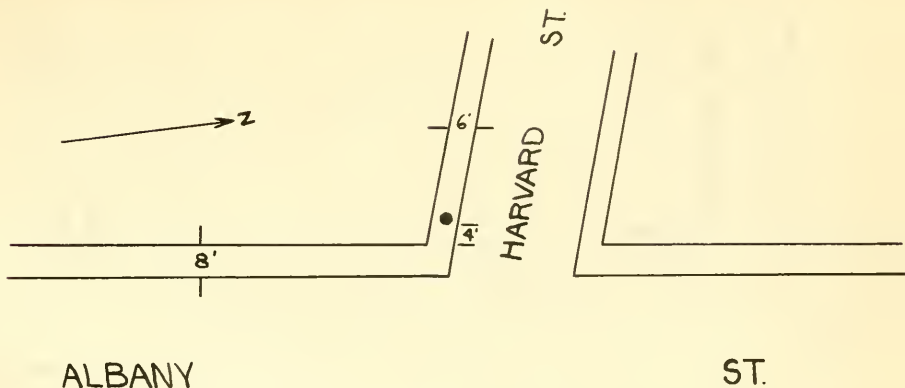
Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: S side of Harvard St., 12' W of
Albany Street

Station
No. 3-164



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/25/38 Depth 15' Grade Top of Well 15.18

Readings taken over period from 9/9/38 to 4/12/39 and from 3/12/40 to date

First reading taken 9/9/38 Water at Grade 5.58

Latest reading taken 10/8/40 Water at Grade 6.01

LOWEST READING OVER ENTIRE PERIOD: 3/2/39 Water at Grade 4.98

HIGHEST READING OVER ENTIRE PERIOD: 3/12/40 Water at Grade 6.89

Data Transcribed By C.M. Checked By A.M.

Remarks:

- 1'-4' gravel
- 4'-7' peat
- 7'-10' soft blue mud
- 10'-15' blue coarse sand
- 9' water

Note: See explanatory notes on
first page of this Book

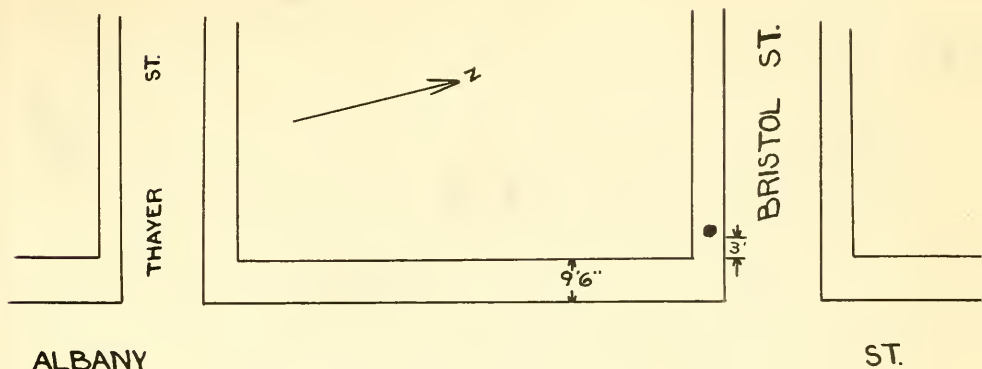
Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Bristol St., 12'-6" W of
Albany Street

Station
No. 3-165



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 8/17/38 Depth 20' Grade Top Well 18.98

Readings taken over period from 9/13/38 to 4/17/39 and from 3/25/40 to date

First reading taken 9/13/38 Water at Grade 13.33

Latest reading taken 10/8/40 Water at Grade 8.15

LOWEST READING OVER ENTIRE PERIOD: 4/8/39 Water at Grade 7.63

HIGHEST READING OVER ENTIRE PERIOD: 10/1/38 Water at Grade 14.78

Data Transcribed By C.M. Checked By A.M.

Remarks:

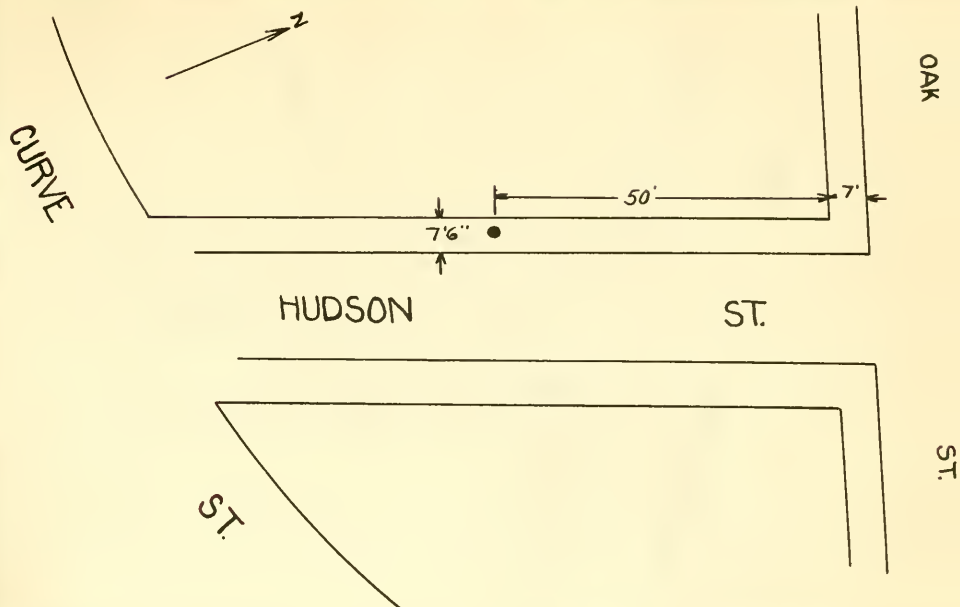
0'-11' fill, mixed
11'-20' sand & clay

Note: See explanatory notes on
first page of this Book

Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Locotion: W side of Hudson St., 50' S of Oak
StreetStation
No. 3-166Sketch Drawn By J.D.M:c. Checked By R.K. Scale Noneup to & incl. 4/12/39 16.17Well Installed 9/24/38 Depth 10' Grade Top of Well 15.76Readings taken over period from 9/9/38 to 4/12/39 and from 3/20/40 to dateFirst reading taken 9/9/38 Water at Grade 9.97Latest reading taken 10/8/40 Water at Grade 9.51LOWEST READING OVER ENTIRE PERIOD: 9/25/39 Water at Grade 7.43HIGHEST READING OVER ENTIRE PERIOD: 4/8/39 Water at Grade 11.02Data Transcribed By C.M. Checked By A.M.

Remarks:

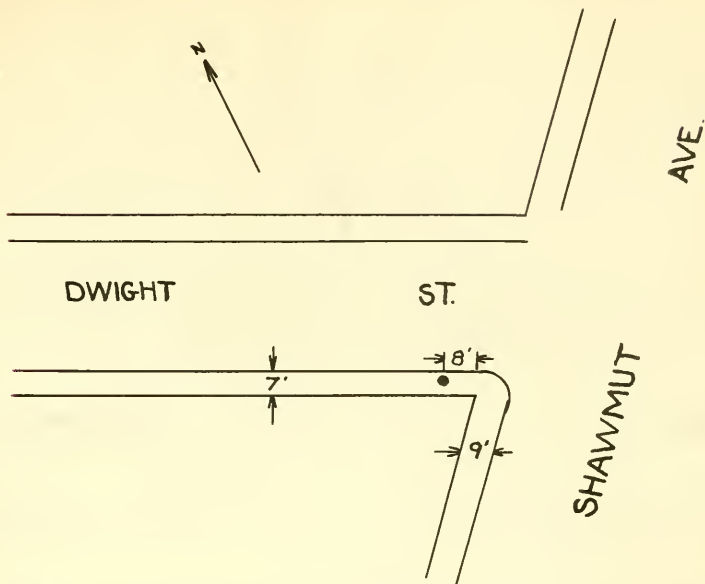
1'-8' gravel
 8'-12' peat
 12'-16' soft blue clay
 16' hard yellow clay
 6' water

Note: See explanatory notes on
first page of this BookDate of Report 10/8/40Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Dwight St., 17' W of Shawmut Avenue

Station No. 3-167



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 10/11/38 Depth 10' Grade Top of Well 13.89

Readings taken over period from 12/17/38 to 4/17/39 and from 1/12/40 to date

First reading taken 12/17/38 Water at Grade 6.99

Latest reading taken 10/7/40 Water at Grade 6.76

LOWEST READING OVER ENTIRE PERIOD: 4/8/39 Water at Grade 6.14

HIGHEST READING OVER ENTIRE PERIOD: 4/17/40 Water at Grade 7.81

Data Transcribed By C.M. Checked By A.M.

Remarks:

1'-6' gravel & fill
6'-11 $\frac{1}{2}$ ' sand & mud
11 $\frac{1}{2}$ '-15' blue clay
8' water

Note: See explanatory notes on first page of this Book

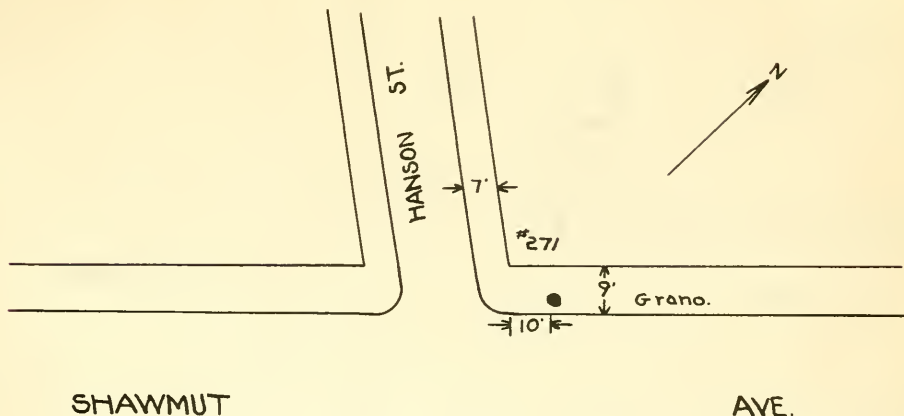
Date of Report 10/7/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Shawmut Ave., 17' E of
Hanson Street

Station
No. 3-168



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 10/31/38 Depth _____ Grade Top of Well 15.44

Readings taken over period from 12/17/38 to 4/17/39 and from 9/25/40 to date

First reading taken 12/17/38 Water at Grade 6.94

Latest reading taken 10/7/40 Water at Grade 7.11

LOWEST READING OVER ENTIRE PERIOD: 4/17/40 Water at Grade 6.69

HIGHEST READING OVER ENTIRE PERIOD: 3/15/39 Water at Grade 7.44

Data Transcribed By C.M. Checked By A.M.

Remarks:

surface to 12' fill
12'-12½' hard yellow clay
8½' water

Note: See explanatory notes on
first page of this Book

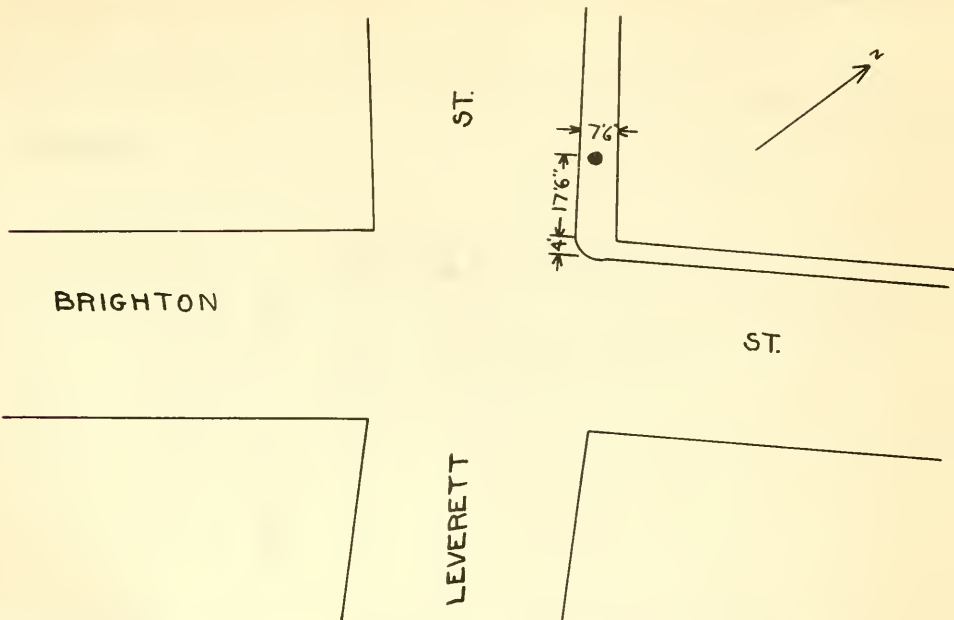
Date of Report 10/7/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Leverett St., 17'-6" N of Brighton St.

Station No. 3-169



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 4/5/38 Depth _____ Grade Top of Well 17.32

Readings taken over period from 12/29/38 to 4/2/39 and from 3/14/40 to date

First reading taken 12/29/38 Water at Grade 17.32

Latest reading taken 11/13/40 Water at Grade 8.57

LOWEST READING OVER ENTIRE PERIOD: 6/19/40 Water at Grade 6.74

HIGHEST READING OVER ENTIRE PERIOD: 3/14/40 Water at Grade 10.25

Data Transcribed By C.M. Checked By A.M.

Remarks:

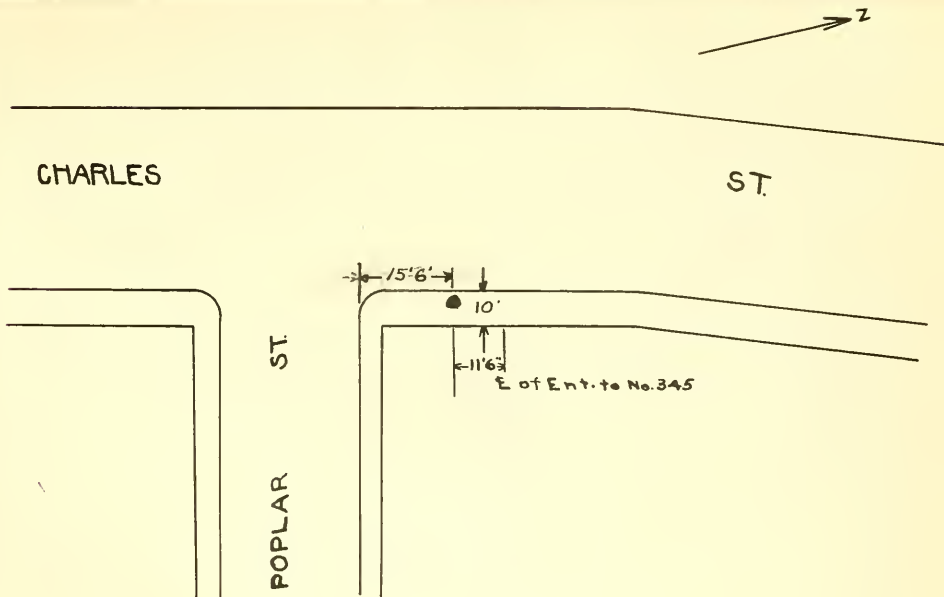
Note: See explanatory notes on first page of this Book

Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Charles St., 15'-6" N of Poplar St. in front of #345 Charles St. Station No. 3-170



Sketch Drawn By J.D.M:c Checked By R.K. Scale None

Well Installed 11/4/38 Depth 15' Grade Top of Well 16.42

Readings taken over period from 11/28/38 to 4/2/39 and from 3/14/40 to date

First reading taken 11/28/38 Water at Grade 6.77

Latest reading taken 11/13/40 Water at Grade 6.79

LOWEST READING OVER ENTIRE PERIOD: 11/28/39 Water at Grade 6.62

HIGHEST READING OVER ENTIRE PERIOD: 6/14/40 Water at Grade 9.00

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-6' sand & gravel
9' water
rest of way down clay

Note: See explanatory notes on first page of this Book

Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

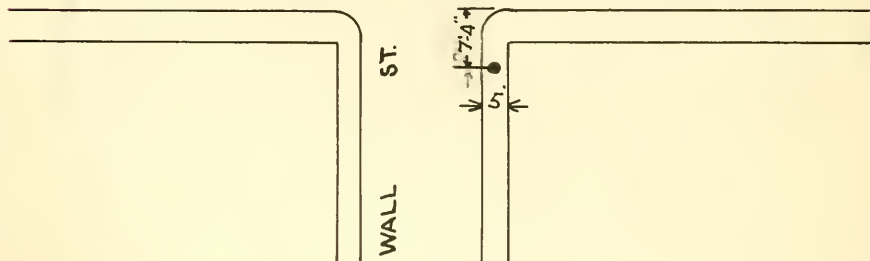
Location: E side of Wall St., 7'-4" So. of
Minot Street

Station
No. 3-171



MINOT

ST.



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth 20' Grade Top of Well 19.80

Readings taken over period from 4/7/39 to 3/14/40 and from _____ to date

First reading taken 4/7/39 Water at Grade 11.35

Latest reading taken 11/13/40 Water at Grade 9.06

LOWEST READING OVER ENTIRE PERIOD: 7/3/40 Water at Grade 9.13

HIGHEST READING OVER ENTIRE PERIOD: 4/11/39 Water at Grade 11.35

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-7' filling
10'-20' clay
14'-6" water

Note: See explanatory notes on
first page of this Book

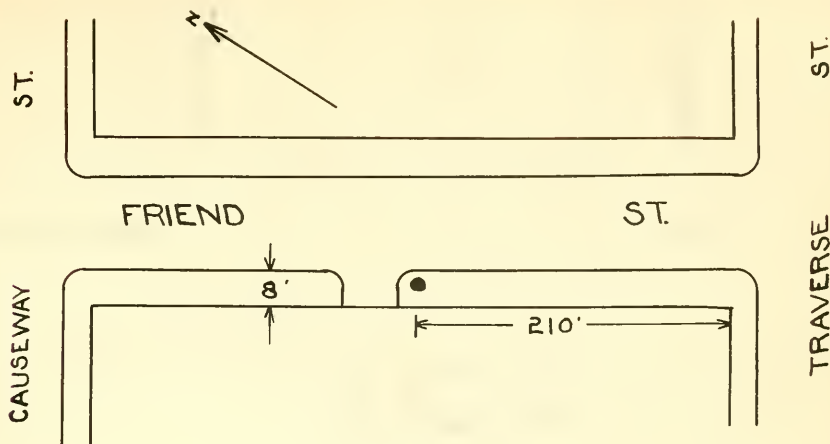
Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Friend St., 210' N of
Traverse Street

Station
No. 3-172



Sketch Drawn By J.D.M.C Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 19.38

Readings taken over period from 2/13/37 to 4/2/39 and from 3/21/40 to date

First reading taken 2/13/39 Water at Grade 10.35

Latest reading taken 10/10/40 Water at Grade 10.59

LOWEST READING OVER ENTIRE PERIOD: 4/4/40 Water at Grade 10.25

HIGHEST READING OVER ENTIRE PERIOD: 8/27/40 Water at Grade 13.34

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-8' fill
8'-15'-6" very soft clay with some sand
15'-6" soft clay & sand (mud)
14' water

Note: See explanatory notes on
first page of this Book

Date of Report 10/10/40

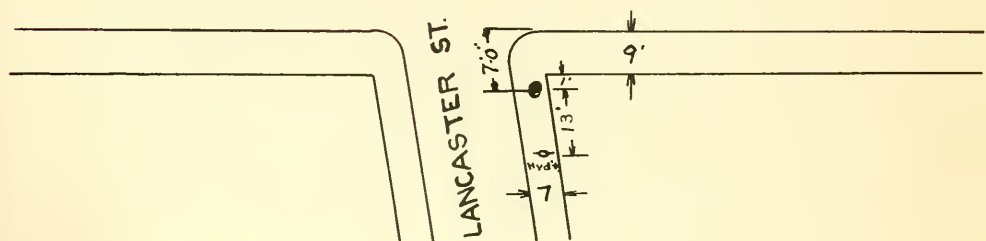
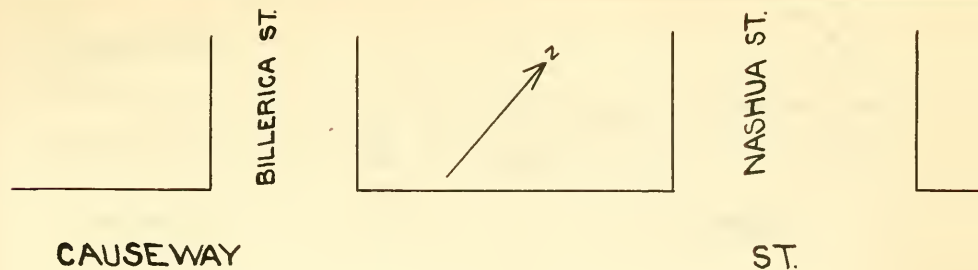
Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

7' S of

Location: S.E. side of Lancaster & Causeway Streets

Station No. 3-173



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth 15' Grade Top of Well 15.66

Readings taken over period from 1/28/39 to 4/7/39 and from 3/14/40 to date

First reading taken 1/28/39 Water at Grade 7.56

Latest reading taken 10/10/40 Water at Grade 8.12

LOWEST READING OVER ENTIRE PERIOD: 3/27/40 Water at Grade 7.41

HIGHEST READING OVER ENTIRE PERIOD: 8/27/40 Water at Grade 8.62

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-11' gravel & waste bldg. material
fill
11'-15' coarse sand
heavy driving

Note: See explanatory notes on first page of this Book

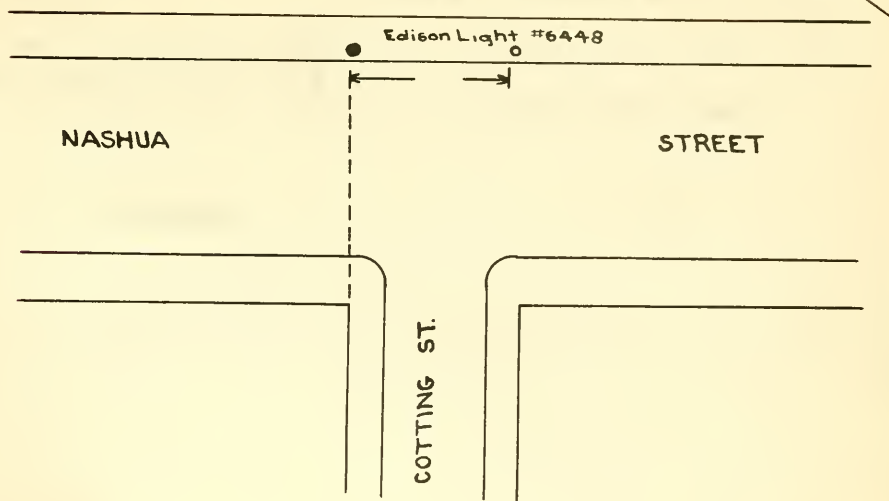
Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Nashua Street, across street from Street line of Cotting Street Station No. 3-174

B. & M. R.R.



Sketch Drawn By J.D.M:c Checked By R.K. Scale None

Well Installed _____ Depth 15' Grade Top of Well 65.93

Readings taken over period from 1/28/39 to 4/7/39 and from 9/14/40 to date

First reading taken 1/28/39 Water at Grade 10.08

Latest reading taken 11/13/40 Water at Grade 8.68

LOWEST READING OVER ENTIRE PERIOD: 11/13/40 Water at Grade 8.68

HIGHEST READING OVER ENTIRE PERIOD: 4/7/39 Water at Grade 11.06

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-10' gravel & waste fill
10'-15' sand
9' (about) water
heavy driving

Note: See explanatory notes on first page of this Book

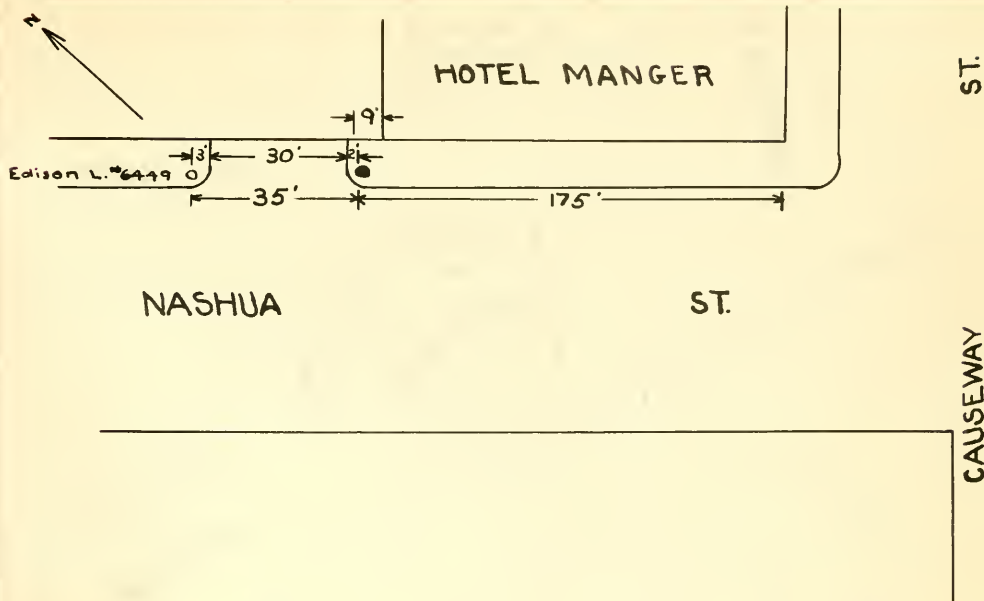
Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Nashua Street, 9' N of
Building Line of Hotel Manger

Station
No. 3-175



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed 12/19/38 Depth 15' Grade Top of Well 15.96

Readings taken over period from 12/19/38 to 4/8/39 and from 9/14/40 to date

First reading taken 12/19/38 Water at Grade 10.16

Latest reading taken 11/13/40 Water at Grade 8.17

LOWEST READING OVER ENTIRE PERIOD: 9/3/40 Water at Grade 8.13

HIGHEST READING OVER ENTIRE PERIOD: 4/7/39 Water at Grade 10.16

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-10' gravel fill
10'-15' sand
9' (about) water
heavy driving

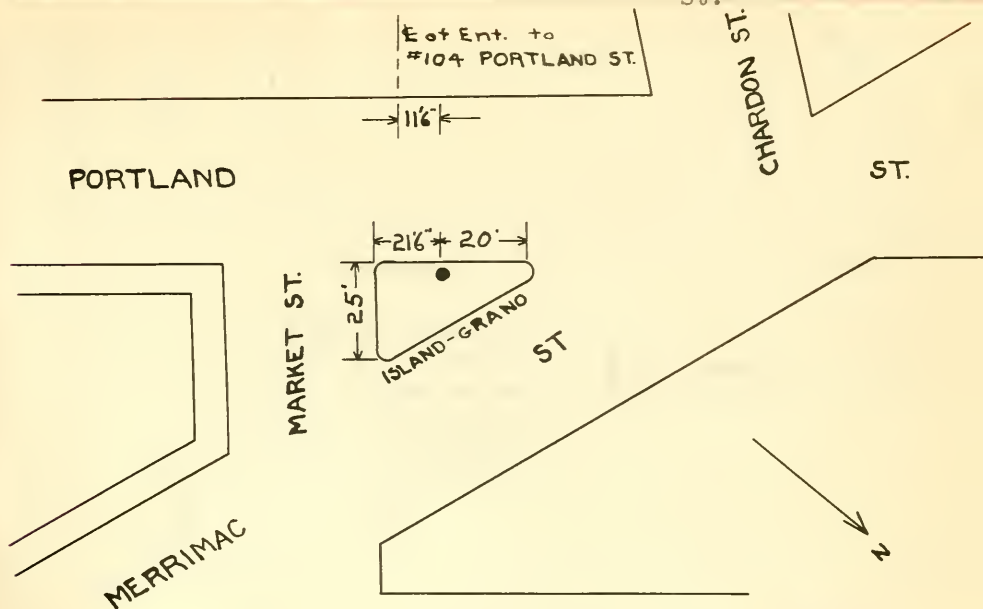
Note: See explanatory notes on
first page of this Book

Date of Report 11/13/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: In island at junction of Portland, Merrimac & Market St., opp. #104 Portland St. Station No. 3-176



Sketch Drawn By J.D.M.S.C. Checked By R.K. Scale None

Well Installed _____ Depth 20' Grade Top of Well 14.50

Readings taken over period from 12/19/38 to 4/8/39 and from 3/4/40 to date

First reading taken 12/19/38 Water at Grade 14.50

Latest reading taken 10/10/40 Water at Grade 7.54

LOWEST READING OVER ENTIRE PERIOD: 6/3/40 Water at Grade 6.04

HIGHEST READING OVER ENTIRE PERIOD: 12/19/38 Water at Grade 11.80

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-8' soft clay with sand
8'-20' soft clay & sand
15' water

Note: See explanatory notes on first page of this Book

Date of Report 10/10/40

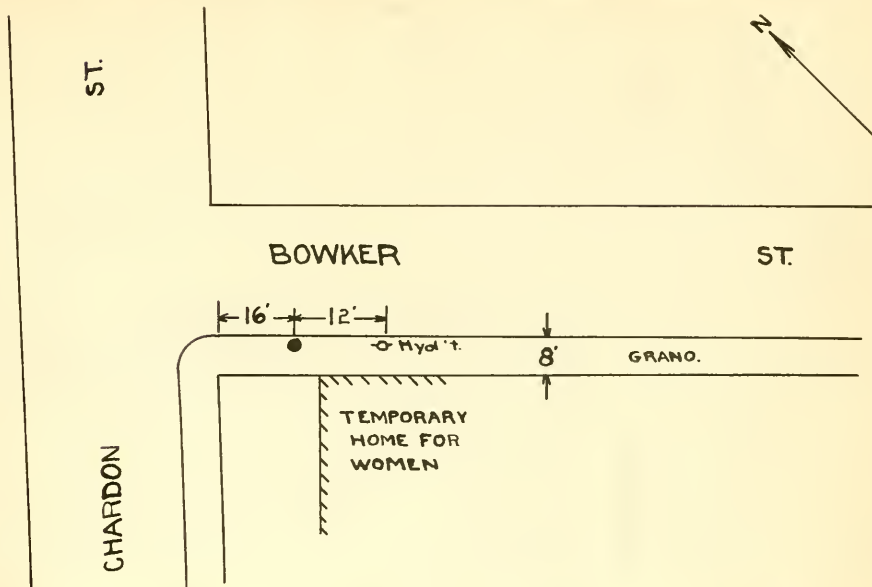
Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: S.W. side of Bowker St., 16' S of
Chardon Street

Station
No. 3-177



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 16.33

Readings taken over period from 2/13/39 to 4/8/39 and from 3/14/40 to date

First reading taken 2/13/39 Water at Grade 8.78

Latest reading taken 10/10/40 Water at Grade 8.83

LOWEST READING OVER ENTIRE PERIOD: 3/27/40 Water at Grade 8.04

HIGHEST READING OVER ENTIRE PERIOD: 9/17/40 Water at Grade 8.91

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-5' filling
5'-10' clay & sand
10'-12'-6" hard clay
7'-6" water

Note: See explanatory notes on
first page of this Book

Date of Report 10/10/40

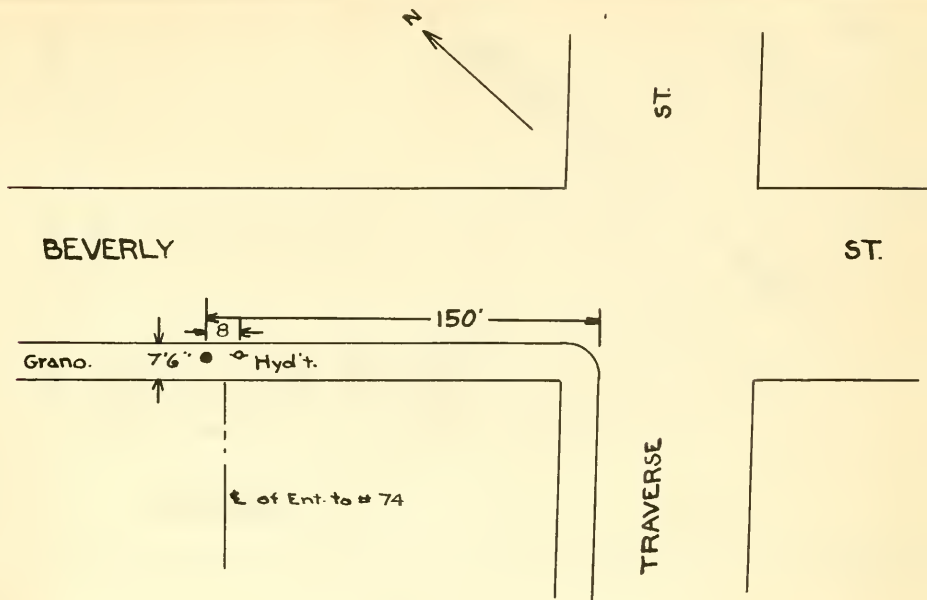
approved L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: S.W. side of Beverly St., in front of #74

Station No. 3-178



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 12/16/38 Depth _____ Grade Top of Well 16.51

Readings taken over period from 2/27/39 to 4/10/39 and from 3/19/40 to date

First reading taken 3/27/39 Water at Grade 7.81

Latest reading taken 10/10/40 Water at Grade 8.09

LOWEST READING OVER ENTIRE PERIOD: 4/4/40 Water at Grade 7.59

HIGHEST READING OVER ENTIRE PERIOD: 4/8/39 Water at Grade 8.56

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-7' fill
7'-10' sand & clay
10'-20' sand & soft clay

Note: See explanatory notes on first page of this Book

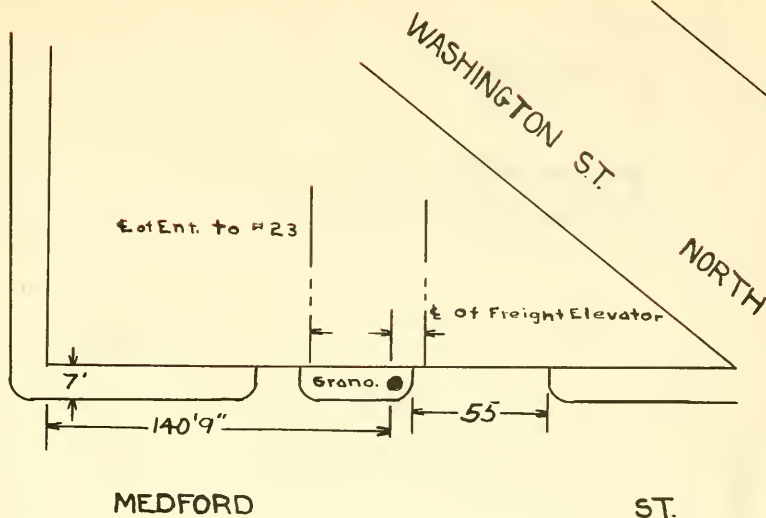
Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Medford St., 31' S of #23

Station
No. 3-179



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 12/15/38 Depth _____ Grade Top of Well 15.46

Readings taken over period from 3/27/39 to 4/10/39 and from 3/19/40 to date

First reading taken 3/27/39 Water at Grade 8.86

Latest reading taken 10/10/40 Water at Grade 9.04

LOWEST READING OVER ENTIRE PERIOD: 7/26/40 Water at Grade 8.54

HIGHEST READING OVER ENTIRE PERIOD: 8/27/40 Water at Grade 9.54

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-6' fill
6'-10' sand & clay
10'-20' sand & clay

Note: See explanatory notes on first page of this Book

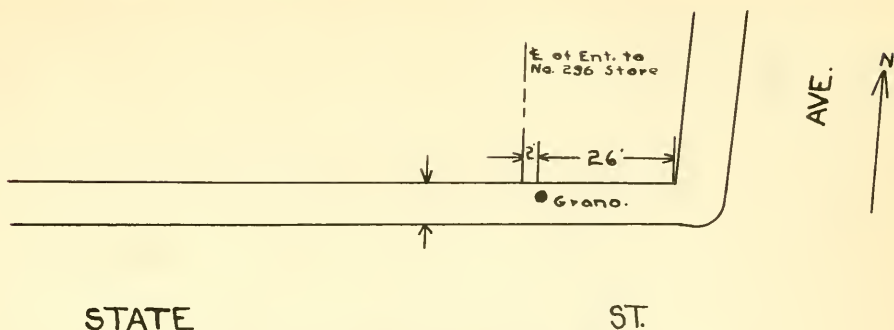
Date of Report 10/10/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of State Street, in front of
#296

Station
No. 3-180



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 12/22/38 Depth _____ Grade Top of Well 14.39

Readings taken over period from 2/14/39 to 4/11/39 and from 3/21/40 to date

First reading taken 2/14/39 Water at Grade 2.02

Latest reading taken 10/14/40 Water at Grade 7.47

LOWEST READING OVER ENTIRE PERIOD: 4/29/40 Water at Grade 6.31

HIGHEST READING OVER ENTIRE PERIOD: 5/27/40 Water at Grade 7.56

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-6' fill
6'-10' sand & gravel, some clay
10'-15' clay
7'-6" water

Note: See explanatory notes on
first page of this Book

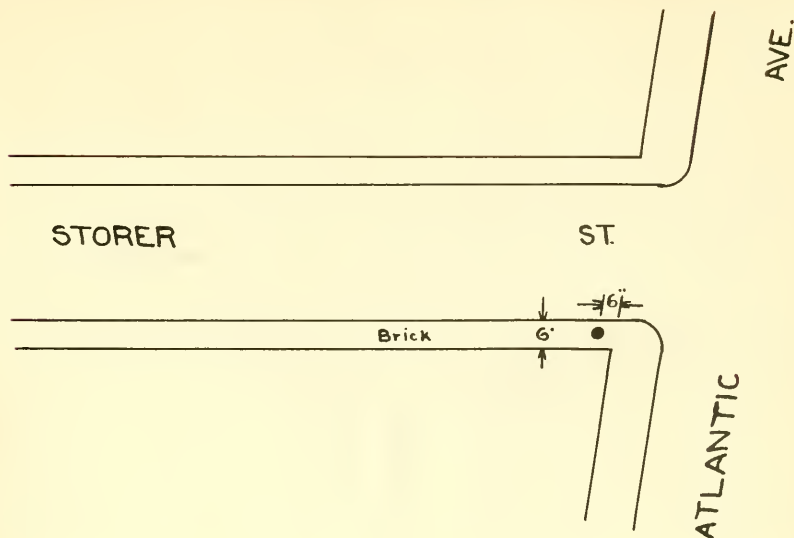
Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Storer St., on corner of
Atlantic Ave.

Station
No. 3-181



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 12/23/38 Depth _____ Grade Top of Well 16.26

Readings taken over period from 2/15/39 to 4/11/39 and from 3/12/40 to date

First reading taken 2/15/39 Water at Grade 2.62

Latest reading taken 10/17/40 Water at Grade 7.84

LOWEST READING OVER ENTIRE PERIOD: 4/11/39 Water at Grade 5.73

HIGHEST READING OVER ENTIRE PERIOD: 3/21/40 Water at Grade 7.88

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-6' fill
6'-10' sand & gravel
10'-14'-6" clay
8' water

Note: See explanatory notes on
first page of this Book

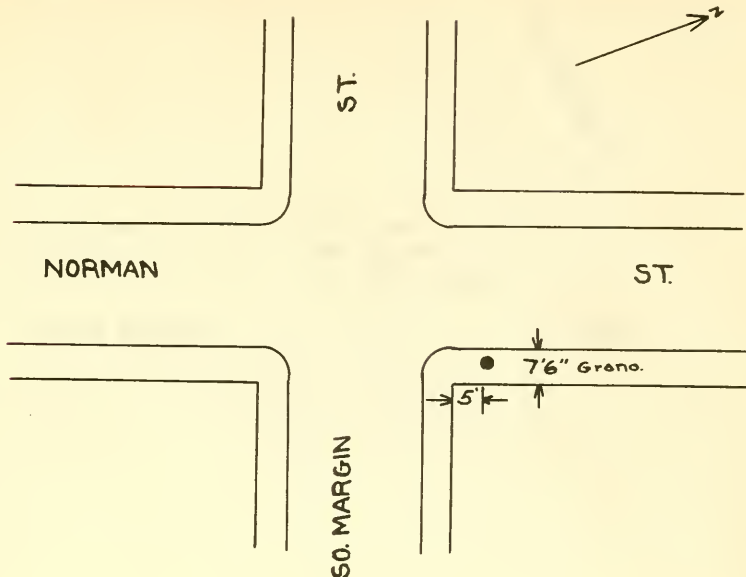
Date of Report 10/17/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Norman St., 11' N of South
Margin St.

Station
 No. 3-182



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 12/13/39 Depth _____ Grade Top of Well 17.37

Readings taken over period from 3/3/39 to 4/8/39 and from 3/14/40 to date

First reading taken 2/13/39 Water at Grade 8.05

Latest reading taken 8/6/40 Water at Grade 7.83

LOWEST READING OVER ENTIRE PERIOD: 3/27/40 Water at Grade 7.45

HIGHEST READING OVER ENTIRE PERIOD: 4/15/40 Water at Grade 9.20

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-8' fill, gravel
 8'-15'-6" blue clay
 extremely hard driving

Note: See explanatory notes on
 first page of this Book

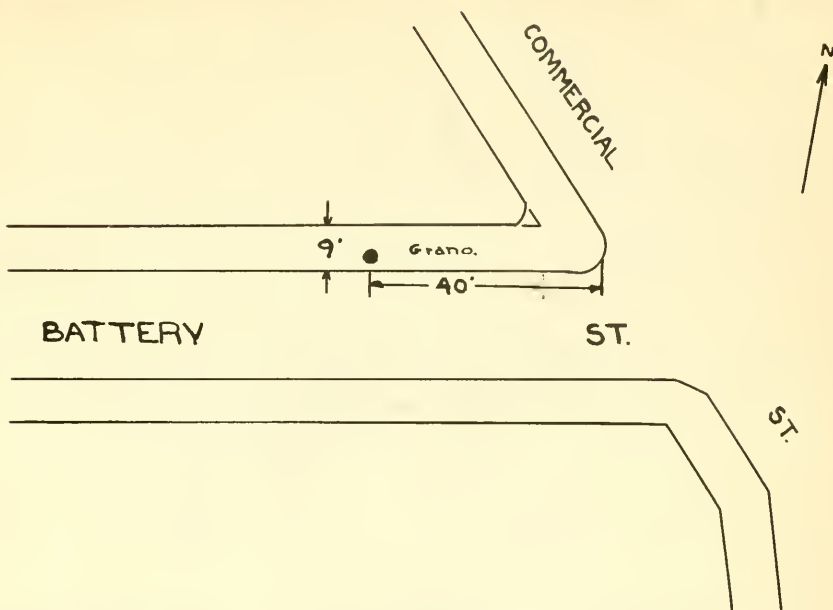
Date of Report 8/6/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Battery St., 40' W of
Commercial Street

Station
No. 3-183



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 12/29/38 Depth _____ Grade Top of Well 19.25

Readings taken over period from 2/14/39 to 4/10/39 and from 3/2/40 to date

First reading taken 2/14/39 Water at Grade 11.02

Latest reading taken 10/14/40 Water at Grade 10.96

LOWEST READING OVER ENTIRE PERIOD: 9/5/40 Water at Grade 10.75

HIGHEST READING OVER ENTIRE PERIOD: 6/6/40 Water at Grade 11.37

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-6' fill
6'-20' clay
hard driving

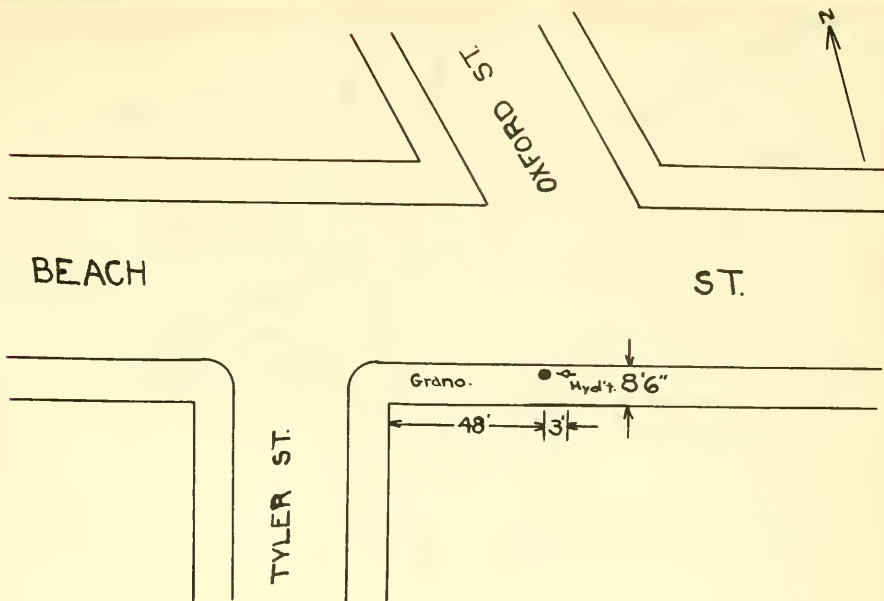
Note: See explanatory notes on
first page of this Book

Date of Report 10/14/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Beach St., 56' E of Tyler St. Station No. 3-184



Sketch Drawn By J.O.M.C. Checked By R.K. Scale None

Well Installed 1/3/39 Depth 20' Grade Top of Well 16.35

Readings Taken over period from 2/20/39 to 4/12/39 and from 3/20/40 to date

First reading taken 2/20/39 Water at Grade 13.40

Latest reading taken 10/15/40 Water at Grade 5.56

LOWEST READING OVER ENTIRE PERIOD: 8/12/40 Water at Grade 5.43

HIGHEST READING OVER ENTIRE PERIOD: 2/20/39 Water at Grade 13.40

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-8' gravel fill
8'-20' clay

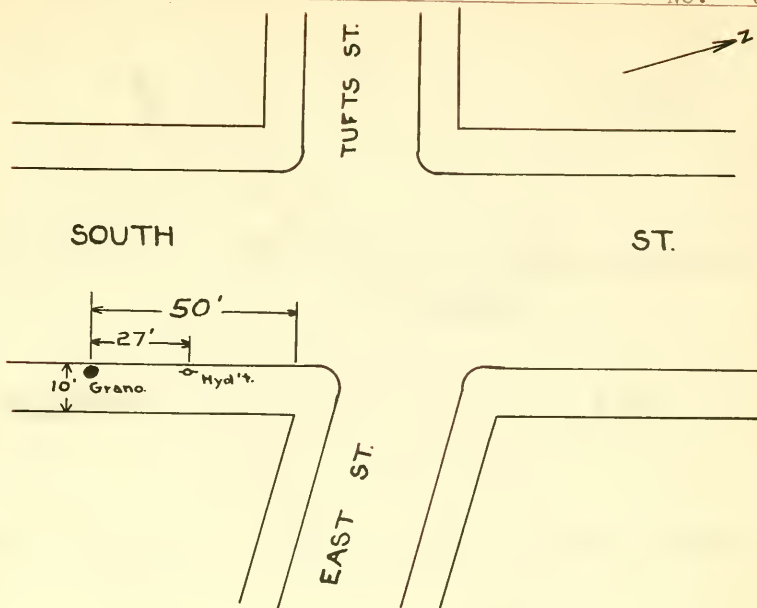
Note: See explanatory notes on first page of this Book

Date of Report 10/15/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side or South St. 58' S of East St. Station No. 3-185



Sketch Drawn By J.D.M.S.C. Checked By R.K. Scale None

Well Installed 1/4/39 Depth R.K. Grade Top of Well 15.58

Readings taken over period from 2/15/39 to 4/13/39 and from 4/30/40 to date

First reading taken 2/15/39 Water at Grade 7.53

Latest reading taken 10/3/40 Water at Grade 7.83

LOWEST READING OVER ENTIRE PERIOD: 2/15/39 Water at Grade 7.53

HIGHEST READING OVER ENTIRE PERIOD: 6/2/40 Water at Grade 7.95

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-9' gravel fill
9'-15' sand running into clay
8' (about) water
very heavy driving

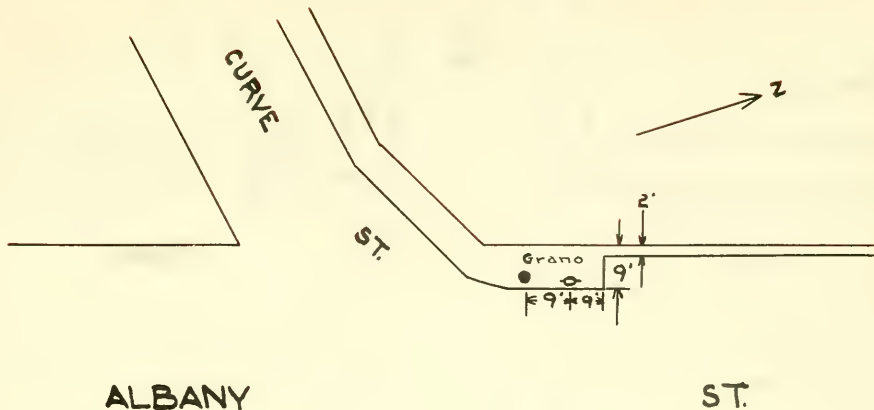
Note: See explanatory notes on first page of this Book

Date of Report 10/3/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N.E. corner of Curve and Albany Streets Station 3-186
No.



Sketch Drawn By J.O.M.C. Checked By R.K. Scale None

Well Installed 1/5/39 Depth _____ Grade Top of Well 23.77

Readings taken over period from 2/20/39 to 4/13/39 and from 3/12/40 to date

First reading taken 2/20/39 Water at Grade 10.05

Latest reading taken 10/8/40 Water at Grade 9.94

LOWEST READING OVER ENTIRE PERIOD: 10/8/40 Water at Grade 9.94

HIGHEST READING OVER ENTIRE PERIOD: 3/12/40 Water at Grade 10.98

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-15' gravel fill
15'-22'-6" mostly clay

Note: See explanatory notes on first page of this Book

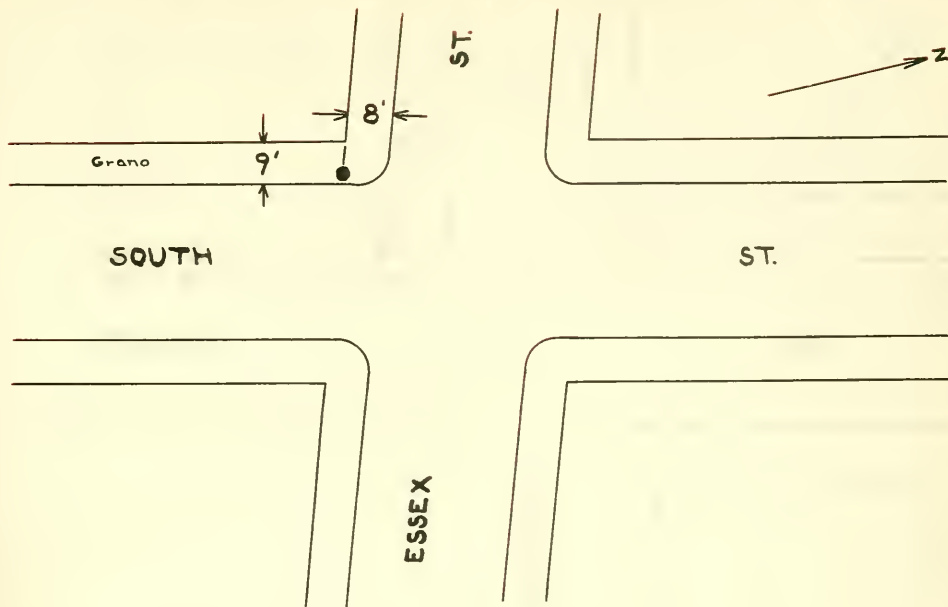
Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S.E. corner of Essex and South Streets

Station No. 3-187



Sketch Drawn By J.D.M.S.C. Checked By R.K. Scale None

Well Installed 11/5/39 Depth _____ Grade Top of Well 18.20

Readings taken over period from 2/15/39 to 4/13/39 and from 3/2/40 to date

First reading taken 2/15/39 Water at grade 7.53

Latest reading taken 10/3/40 Water at grade 7.66

LOWEST READING OVER ENTIRE PERIOD: 3/22/37 Water at Grade 2.20

HIGHEST READING OVER ENTIRE PERIOD: 4/3/40 Water at Grade 8.74

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-9' mixed gravel fill
9'-14' gravel, some clay
14'-17'-6" sand & clay

Note: See explanatory notes on first page of this Book

Date of Report 10/3/40

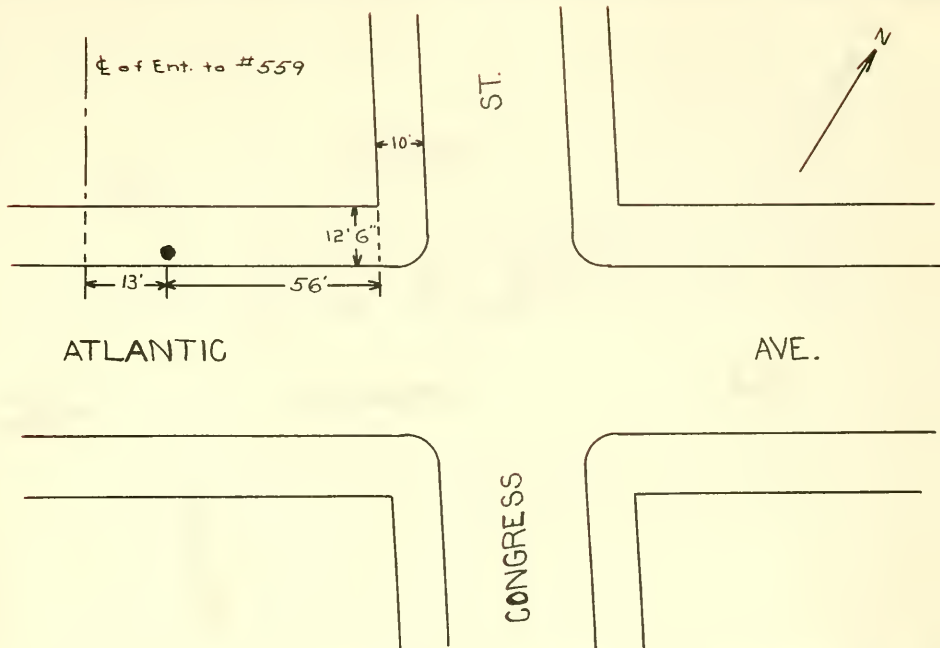
Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: N side of Atlantic Ave. in front of #559

Station No. 3-18



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 1/6/39 Depth _____ Grade Top of Well 12.52

Readings taken over period from 2/5/39 to 4/13/39 and from 5/21/40 to date

First reading taken 2/15/39 Water at Grade 10.95

Latest reading taken 10/15/40 Water at Grade 5.81

LOWEST READING OVER ENTIRE PERIOD: 7/14/40 Water at Grade 4.91

HIGHEST READING OVER ENTIRE PERIOD: 4/3/40 Water at Grade 7.02

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-7' fill
7'-15' sand & clay
9' water

Note: See explanatory notes on first page of this Book

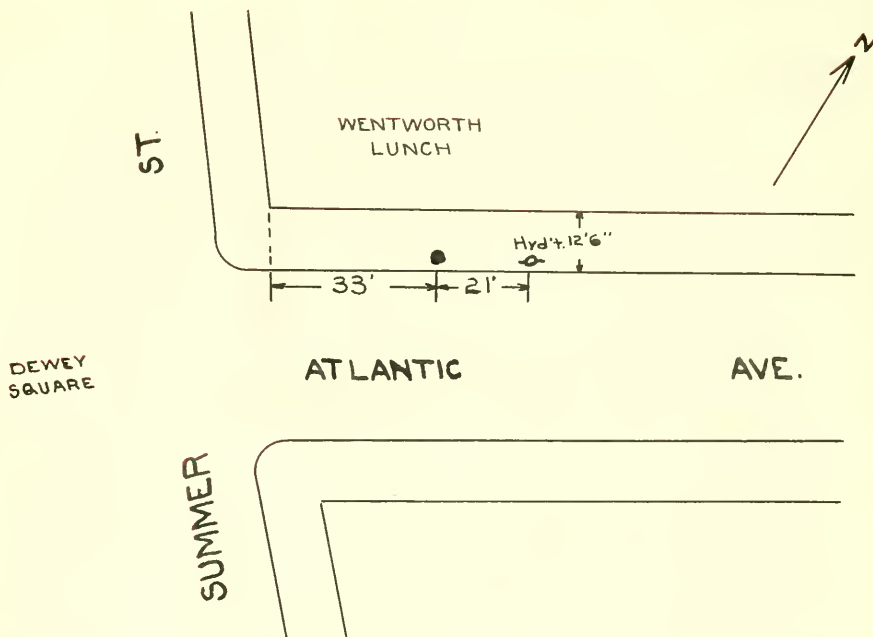
Date of Report 10/15/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Atlantic Ave. near Summer St.
in front of Wentworth Lunch

Station
No. 3-10



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 1/9/39 Depth _____ Grade Top of Well 18.30

Readings taken over period from 2/15/39 to 4/13/39 and from 3/21/40 to date

First reading taken 2/15/39 Water at Grade 12.63

Latest reading taken 10/15/40 Water at Grade 8.59

LOWEST READING OVER ENTIRE PERIOD: 3/21/40 Water at Grade 8.42

HIGHEST READING OVER ENTIRE PERIOD: 2/15/39 Water at Grade 12.63

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-11' mixed fill
11'-15' clay & sand
very heavy driving

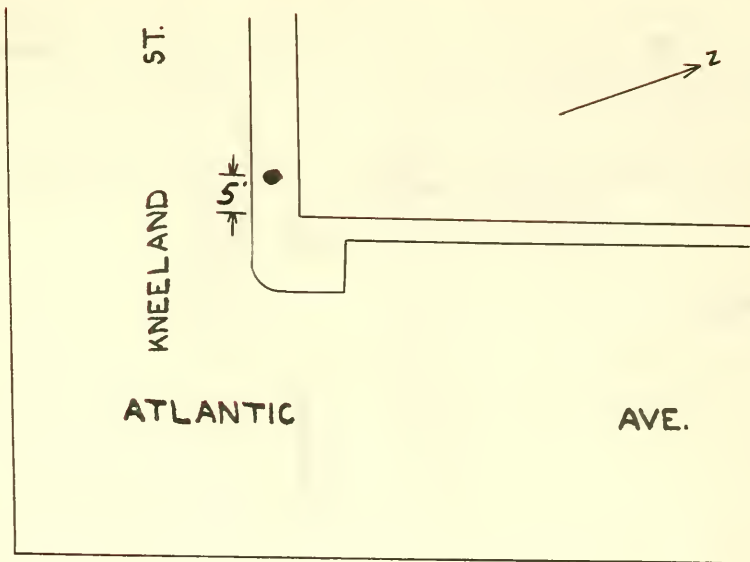
Note: See explanatory notes on
first page of this Book

Date of Report 10/15/40

Approved By L.B.

REPORT ON GROUNDWATER LEVEL STATION

Location: N side of Kneeland St. 3' W of Street Line Station No. 3-190
of Atlantic Ave.



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed 4/16/39 Depth 15' Grade Top Well 15.62

Readings taken over period from 4/11/39 to 4/13/39 and from 3/2/40 to date

First reading taken 4/11/39 Water at Grade 5.84

Latest reading taken 10/15/40 Water at Grade 6.54

LOWEST READING OVER ENTIRE PERIOD: 4/22/40 Water at Grade 5.04

HIGHEST READING OVER ENTIRE PERIOD: 9/9/40 Water at Grade 6.91

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-7' gravel fill
7'-15' clay
slow well

Note: See explanatory notes on first page of this Book

Date of Report 10/15/40

Approved By L.B.

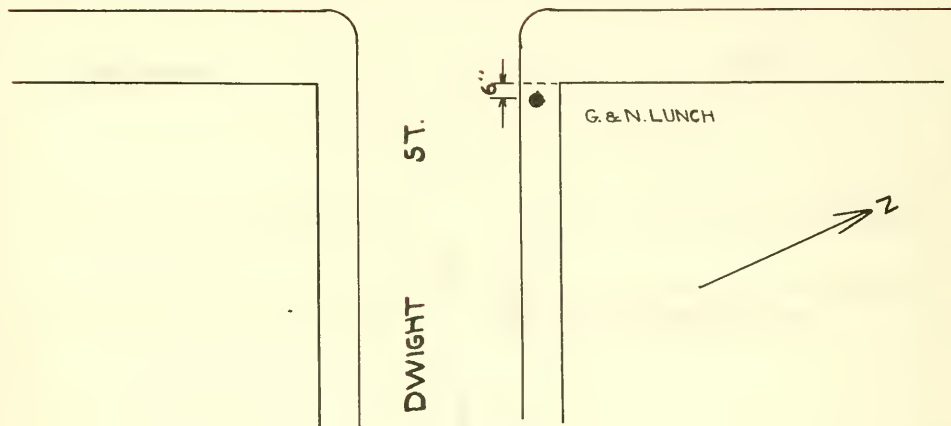
REPORT ON GROUND WATER LEVEL STATION

Location: N.E. corner of Tremont and Dwight Streets

Station 5-191
No.

TREMONT

ST.

Sketch Drawn By J.D.M.C. Checked By R.K. Scale NoneWell Installed 2/25/39 Depth _____ Grade Top of Well 18.05Readings taken over period from 4/12/39 to 4/13/39 and from 3/25/40 to dateFirst reading taken 4/12/39 Water at Grade 6.48Latest reading taken 10/7/40 Water at Grade 6.13LOWEST READING OVER ENTIRE PERIOD: 4/16/40 Water at Grade 5.47HIGHEST READING OVER ENTIRE PERIOD: 4/17/40 Water at Grade 6.97Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-7' filling
 7'-7'-6" sand
 7'-6"-8' soft clay
 8'-22'-6" clay
 slow well

Note: See explanatory notes on
first page of this BookDate of Report 10/7/40Approved By L.B.

7

THOMSON



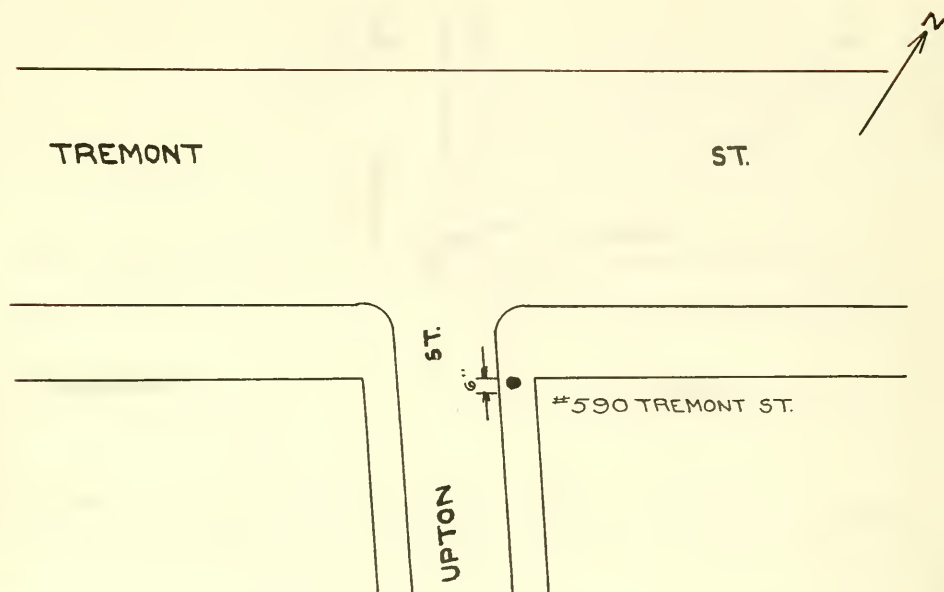
THE UNIVERSITY OF CHICAGO LIBRARY
 1200 EAST 58TH STREET
 CHICAGO, ILL. 60637
 TEL. 773-936-7000
 FAX 773-936-7000
 WWW.CHICAGO.LIBRARY.EDU

CHICAGO LIBRARY
 1200 EAST 58TH STREET
 CHICAGO, ILL. 60637
 TEL. 773-936-7000
 FAX 773-936-7000
 WWW.CHICAGO.LIBRARY.EDU

REPORT ON GROUND WATER LEVEL STATION

Location: S.E. corner of Tremont and Upton Streets

Station No. 3-192



Sketch Drawn By J.D.Mc. Checked By R.K. Scale None

Well Installed 2/27/39 Depth 17'-6" Grade Top of Well 19.50

Readings taken over period from 4/12/39 to 4/13/39 and from 3/25/40 to date

First reading taken 4/12/39 Water at Grade 7.07

Latest reading taken 7/24/40 Water at Grade 7.42

LOWEST READING OVER ENTIRE PERIOD: 4/13/39 Water at Grade 6.65

HIGHEST READING OVER ENTIRE PERIOD: 7/24/40 Water at Grade 7.42

Data Transcribed By C.M. Checked By A.M.

Remarks:

0'-9' mud, gravel fill
9'-17'-6" stiff yellow clay
slow well

Note : See explanatory notes on first page of this Book

Date of Rep. 7/24/40

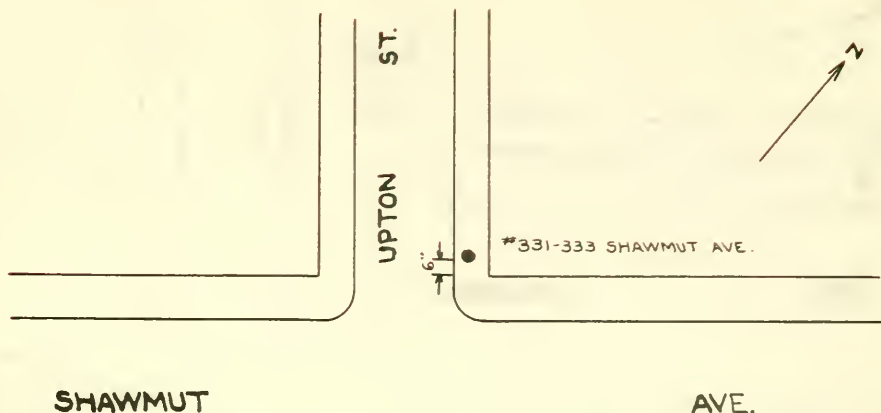
Approved By L.B.



1871
 1872
 1873
 1874
 1875
 1876
 1877
 1878
 1879
 1880
 1881
 1882
 1883
 1884
 1885
 1886
 1887
 1888
 1889
 1890
 1891
 1892
 1893
 1894
 1895
 1896
 1897
 1898
 1899
 1900

REPORT ON GROUND WATER LEVEL STATION

Location: N.E. corner of Shawmut Ave. & Upton St.

Station
No. C-193Sketch Drawn By J.D.McC. Checked By R.K. Scale NoneWell Installed 2/28/39 Depth 15' Grade Top of Well 17.12Readings taken over period from 4/12/39 to 4/13/39 and from 3/25/40 to dateFirst reading taken 4/12/39 Water at Grade 3.55Latest reading taken 10/7/40 Water at Grade 6.62LOWEST READING OVER ENTIRE PERIOD: 4/12/39 Water at Grade 3.35HIGHEST READING OVER ENTIRE PERIOD: 3/25/40 Water at Grade 6.91Data Transcribed By C.M. Checked By A.M.

Remarks:

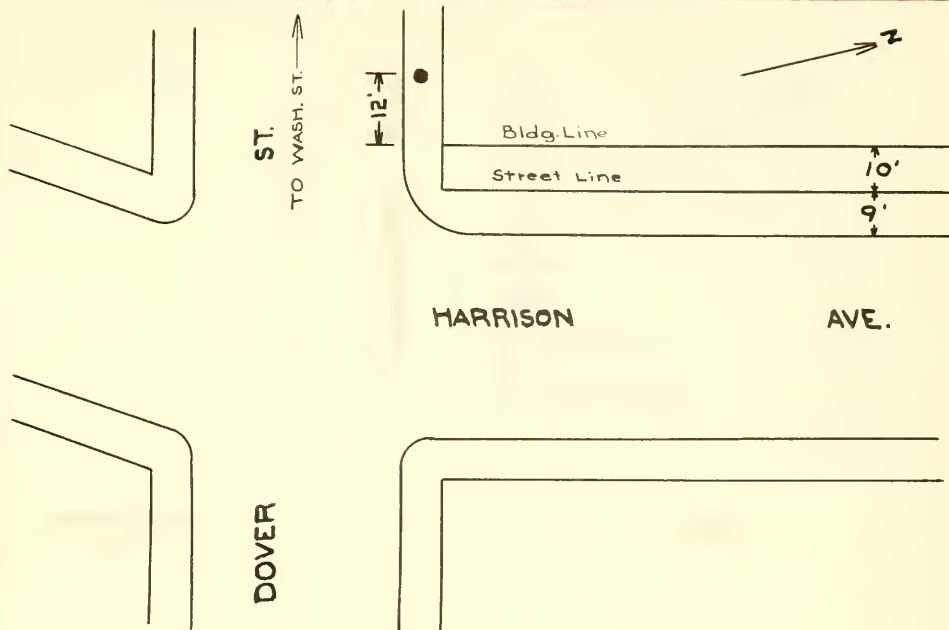
0'-8' mud, gravel fill
8'-15' stiff yellow clay
very heavy driving

Note: See explanatory notes on
first page of this BookDate of Report 10/7/40Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Dover St. 11' W of Street Line
of Harrison Ave.

Station
No. 3-150



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 16.54

Readings taken over period from _____ to _____ and from 4/1/40 to date

First reading taken 4/1/40 Water at Grade 3.71

Latest reading taken 10/8/40 Water at Grade 3.66

LOWEST READING OVER ENTIRE PERIOD: 8/13/40 Water at Grade 3.41

HIGHEST READING OVER ENTIRE PERIOD: 9/27/40 Water at Grade 3.79

Data Transcribed By G.M. Checked By A.M.

Remarks:

Note: See explanatory notes on first page of this Book

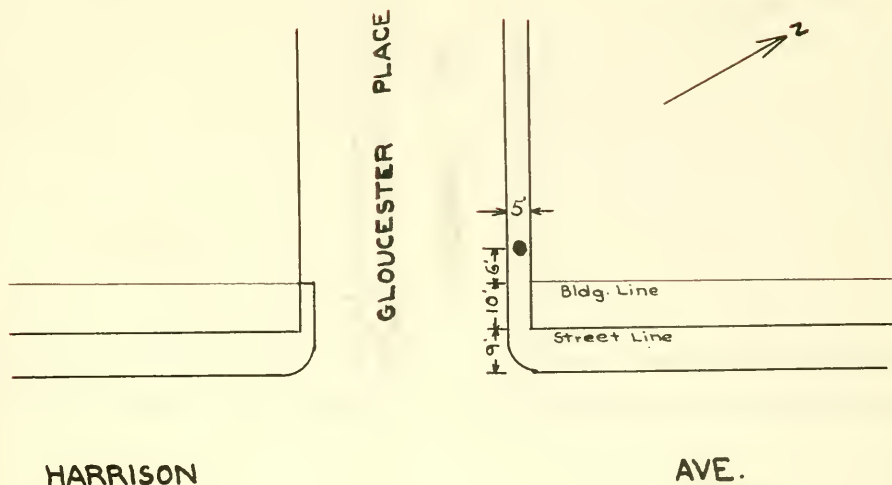
Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Gloucester Pl. 20' W of Harrison Ave.

Station No. 3-190



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 17.02

Readings taken over period from _____ to _____ and from 3/28/40 to date

First reading taken 3/28/40 Water at Grade 6.60

Latest reading taken 10/8/40 Water at Grade 6.77

LOWEST READING OVER ENTIRE PERIOD: 7/24/40 Water at Grade 6.44

HIGHEST READING OVER ENTIRE PERIOD: 10/8/40 Water at Grade 6.77

Data Transcribed By C.M. Checked By A.M.

Remarks:

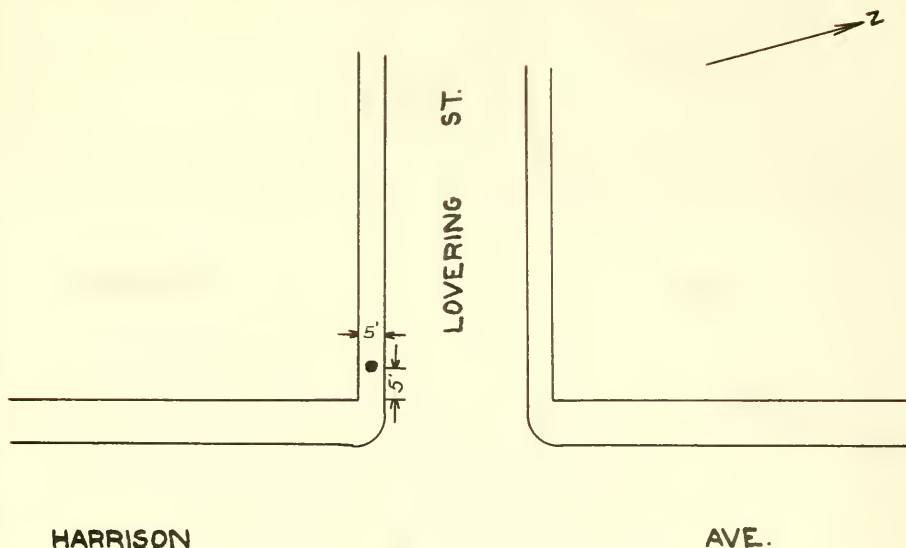
Note: See explanatory notes on first page of this Book

Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: S side of Lovering St. 24' W of Harrison Ave. Station No. 3-157



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 12.06

Readings taken over period from _____ to _____ and from 4/1/40 to date

First reading taken 4/1/40 Water at Grade 8.64

Latest reading taken 10/7/40 Water at Grade 8.93

LOWEST READING OVER ENTIRE PERIOD: 4/1/40 Water at Grade 8.56

HIGHEST READING OVER ENTIRE PERIOD: 6/18/40 Water at Grade 9.35

Data Transcribed By C.M. Checked By A.M.

Remarks:

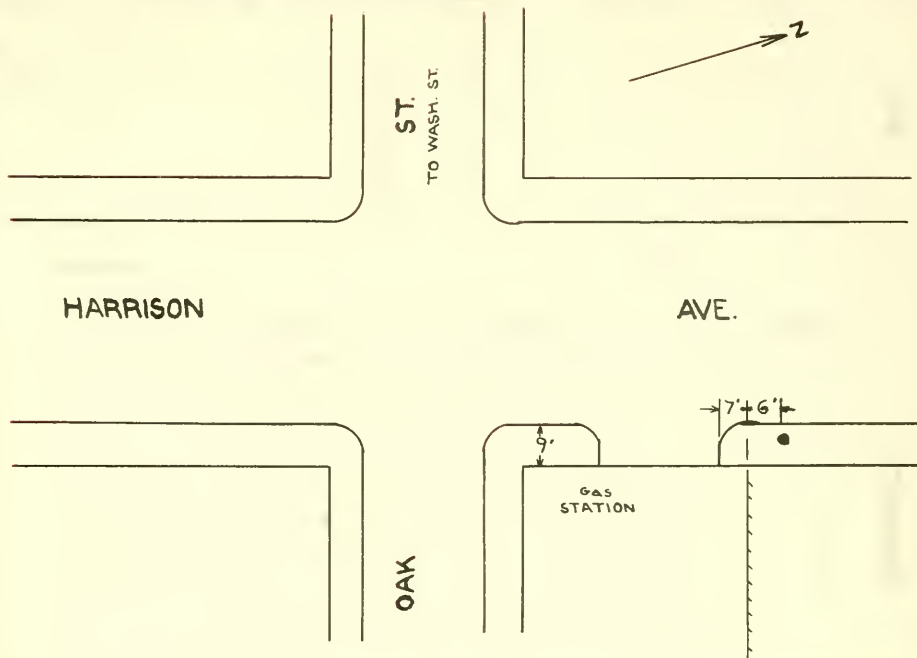
Note: See explanatory notes on first page of this Book

Date of Report 10/7/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: E side of Harrison Ave. 10' N of Gas Station
on corner of Oak Street Station No. 5-128



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of well 16.23

Readings taken over period from _____ to _____ and from 9/25/40 to date

first reading taken 3/20/40 Water at grade 7.15

Latest reading taken 10/8/40 Water at grade 6.81

LOWEST READING OVER ENTIRE PERIOD: 4/1/40 Water at grade 4.31

HIGHEST READING OVER ENTIRE PERIOD: 9/25/40 Water at grade 7.73

Data Transcribed By C.M. Checked By A.M.

Remarks:

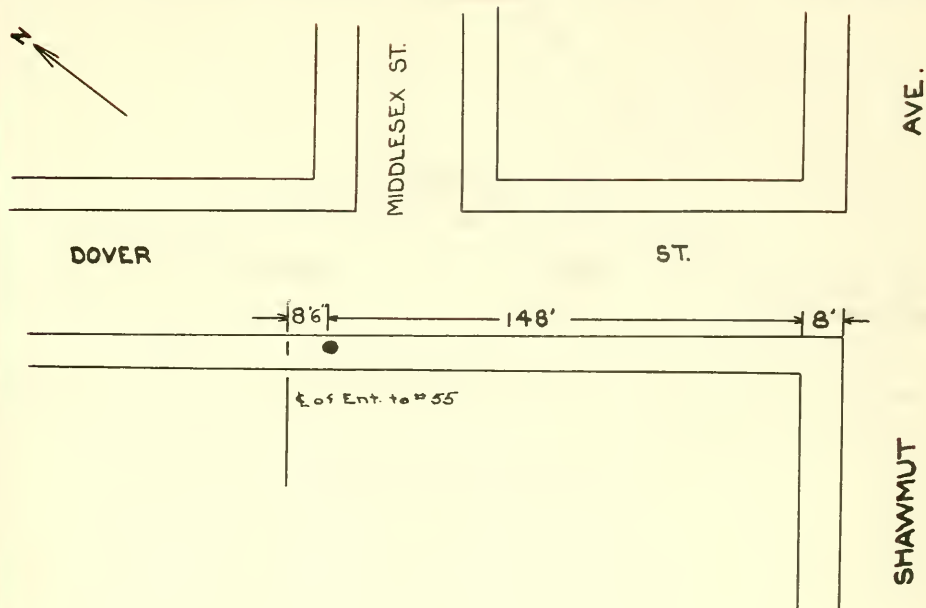
Note: See explanatory notes on first page of this book

Date of Report 10/8/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: W side of Dover St. in front of #55

Station
No. 3-199Sketch drawn by J.D.M & C. Checked by R.K. Scale NoneWell Installed 9/14/38 Depth _____ Grade top of Well 16.60Readings taken over period from 11/15/38 to 4/6/39 and from 5/18/40 to datefirst reading taken 11/15/38 water at grade 6.70Latest reading taken 6/24/40 water at Grade CANT OPENLOWEST READING OVER PERIOD: 11/13/39 water at Grade 6.10HIGHEST READING OVER PERIOD: 11/27/39 water at Grade 7.10Data Transcribed by C.M. Checked by A.M.

Remarks:

0'-8' gravel
 8'-9½' blue mud
 9½'-14' sand
 14'-15' hard blue clay

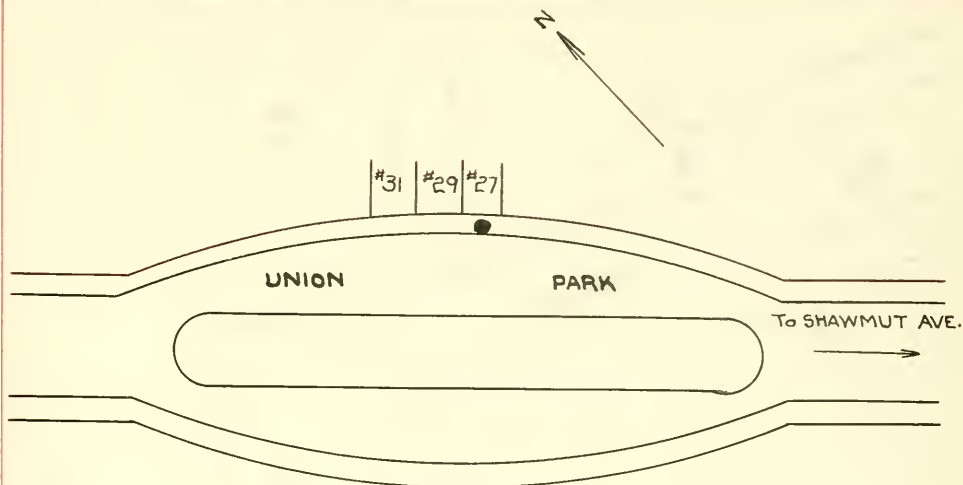
Note: See explanatory notes on
 first page of this book

Date of Report 6/24/40Approved by L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Union Park in front of #27

Station
No. S-3-111



Sketch drawn by J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade top of Well 16.21

Readings taken over period from 12/1/36 to 4/13/39 and from 3/28/40 to date

First reading taken 12/1/36 Water at grade 3.04

Latest reading taken 10/7/40 Water at Grade 4.04

LOWEST READING OVER ENTIRE PERIOD: 11/30/37 Water at grade 2.63

HIGHEST READING OVER ENTIRE PERIOD: 7/9/38 Water at grade 6.34

Data Transcribed by C.M. Checked By A.M.

Remarks:

Note: See explanatory notes on first page of this book

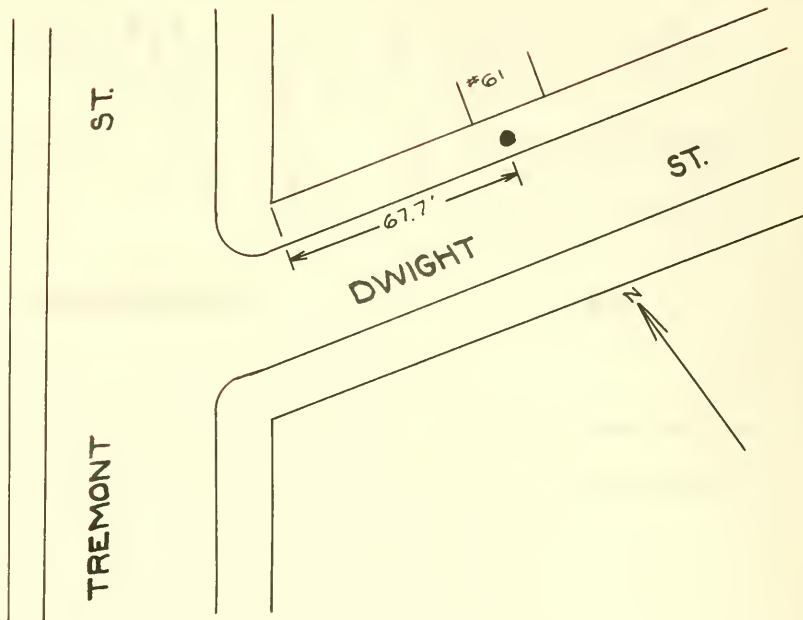
Date of report 10/7/40

Approved by L.B.

REPORT OF GROUND-WATER LEVEL STATION

Location: East side of Dwight Street in front of #61

Station
No. S-3-143



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 15.35

Readings taken over period from 12/1/36 to 4/13/39 and from 3/16/40 to date

First reading taken 12/1/36 Water at Grade 2.85

Latest reading taken 10/7/40 Water at Grade 3.02

LOWEST READING OVER ENTIRE PERIOD: 9/6/38 Water at Grade 2.20

HIGHEST READING OVER ENTIRE PERIOD: 9/1/38 Water at Grade 4.85

Data Transcribed By C.M. Checked By A.M.

Remarks:

Note: See explanatory notes on first page of this book

Date of Report 10/7/40

Approved By L.B.

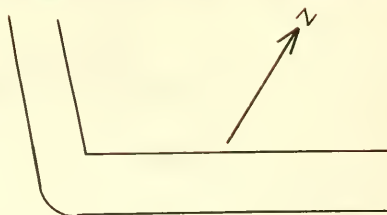
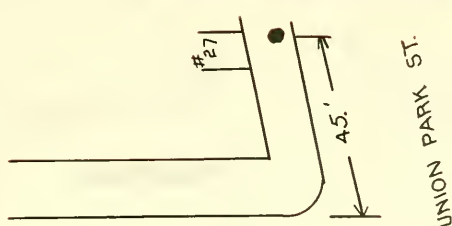


The following table shows the results of the calculations for the various sections of the dam. The values are given in feet and inches.

Section	Width (ft)	Height (ft)	Area (sq ft)	Volume (cu ft)
Top Section	100	10	1000	1000
Left Side	50	10	500	500
Right Side	50	10	500	500
Center Line	25	10	250	250
Foundation	100	10	1000	1000
Slope	50	10	500	500
Water Level	100	10	1000	1000

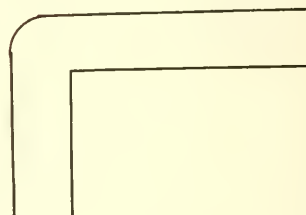
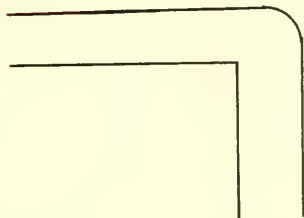
REPORT ON GROUND WATER LEVEL STATION

Location: W side of Union Park St. in front of #27, Station
#5' N of Washington St. No. S-3-153



WASHINGTON

ST.



Sketch Drawn By J.D.M:c. Checked By R.K. Scale None

Well Installed _____ depth _____ Grade top of well 15.45

Readings taken over period from 12/19/36 to 4/13/39 and from 3/16/40 to date

First reading taken 12/19/36 Water at grade 3.87

Latest reading taken 10/8/40 Water at grade DRY

LOWEST READING OVER ENTIRE PERIOD: 9/6/38 Water at grade 3.22

HIGHEST READING OVER ENTIRE PERIOD: 1/11/38 Water at grade 9.66

Data transcribed by C.M. Checked by A.M.

Remarks:

Note: See explanatory notes on first page of this book

Date of Report 10/8/40

Approved by L.B.

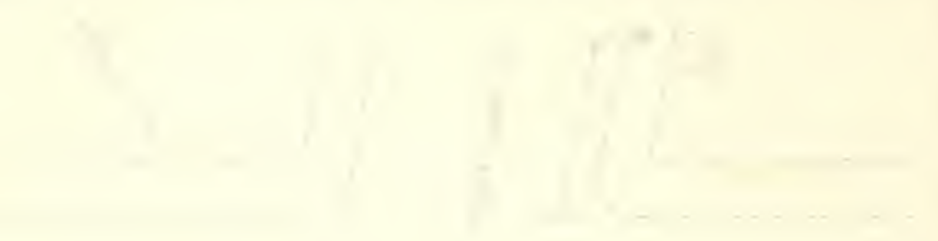


Fig. 1

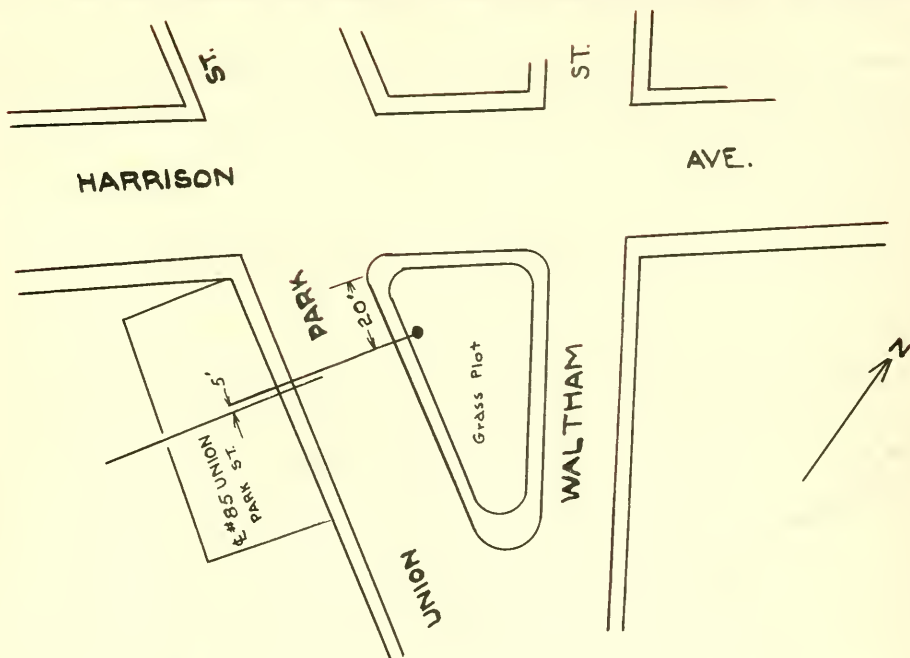
Fig. 2



The diagrams illustrate the position of the head relative to the torso. In Fig. 1, the head is shown in a slightly flexed position, while in Fig. 2, it is shown in a more extended position. The diagrams are intended to show the range of motion of the head and the relationship between the head and the body in different postures.

READING ON GROUND WATER LEVEL STATION

LOCATION: On N.W. corner of grass plot at junct. of Station
Union Pk. St., Waltham St. & Harrison Ave. No. 5-5-10



Sketch drawn by J.D.Misc. Check by R.K. Scale None

Well Installed Open Grade top of well 13.70

Readings taken over period from 11/14/38 to 11/17/39 and from 5/13/40 to date

first reading taken 11/14/38 water at grade 4.42

Latest reading taken 10/8/40 water at grade 6.03

LOWEST READING OVER ENTIRE PERIOD 2/21/39 water at grade 4.35

HIGHEST READING OVER ENTIRE PERIOD 7/15/40 water at grade 6.62

Data transcribed by C.M. Checked by A.M.

Remarks:

Note: See explanatory notes on
first page of this book

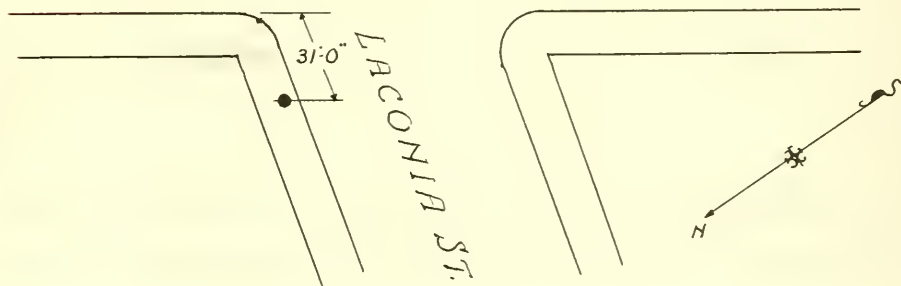
Date of report 10/8/40

Approved by L.B.

REPORT ON GROUND WATER LEVEL STATION

Location: N side of Laconia St. 31' W of Harrison Ave. Station No. S-3-

HARRISON AVE.



Sketch Drawn By L.R. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 15.47

Readings taken over period from 4/14/37 to 4/17/39 and from 6/1/40 to date

First reading taken 6/16/37 Water at Grade 10.80

Latest reading taken 10/15/40 Water at Grade COVERED

LOWEST READING OVER ENTIRE PERIOD: 8/31/37 Water at Grade 6.64

HIGHEST READING OVER ENTIRE PERIOD: 6/25/40 Water at Grade 13.30

Data Transcribed By C.M. Checked By A.M.

Remarks:

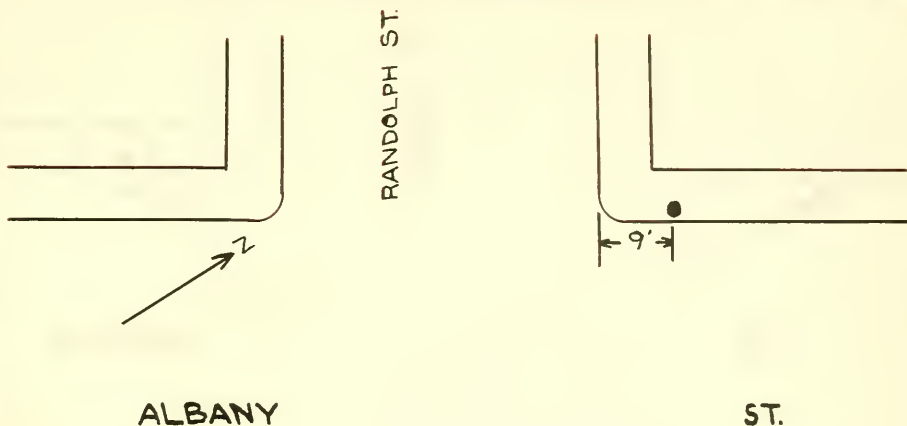
Note: See explanatory notes on first page of this Book

Date of Report 10/15/40

Approved By L.B.



Location: W side of Albany St. 9' N of Randolph St. Station No. S-3-100



Sketch drawn by J.D.M.C. Checked by R.K. Date None

Well Installed Depos Date of Well 16-03

Readings taken over period from 12/7/36 to 4/17/39 and 3/6/40 to

first reading taken 12/7/36 Water at grade 6.95

Latest reading taken 10/8/40 Water at grade 7.40

LOWEST READING OVER PERIOD: 11/30/37 Water at grade 5.70

HIGHEST READING OVER PERIOD: 2/21/39 Water at grade 8.50

Data transcribed by C.M. Checked by A.M.

Remarks:

Note: See explanatory notes on first page of this book.

Date of report 10/8/40

Approved by L.B.



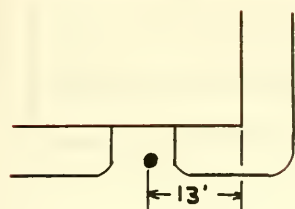
76

YHABJH

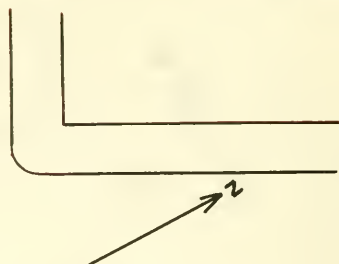
REPORT ON GROUND WATER LEVEL STATION

Location: W side of Albany St. 15' S of Dover St.
Bldg. Line

Station
No. 6-8-10

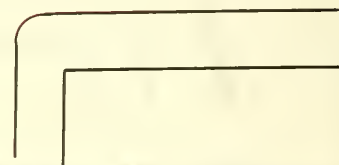
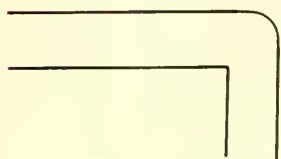


DOVER ST.



ALBANY

ST.



Sketch drawn by J.D.M.C. Checked by R.K. Scale None

Well Installed _____ Depth _____ Grade top of well 2.63

Readings taken over period from 12/36 to 4/12/39 and from 5/16/40 to

first reading taken 12/2/36 Water at grade 6.71

Latest reading taken 10/7/40 Water at grade 6.96

Lowest reading over entire period: 11/29/37 Water at grade 5.80

Highest reading over entire period: 6/25/40 Water at grade 9.38

Data transcribed by C.M. Checked by A.M.

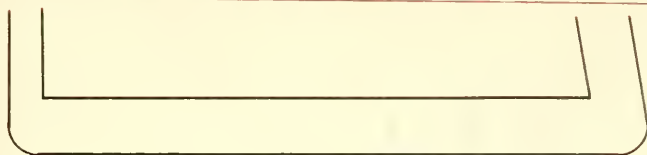
Remarks:

Note: See explanatory notes on
first page of this book.

Date of report 10/7/40

Prepared by L.B.

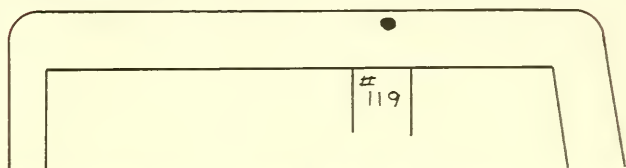
Location: S side of Beach St. in front of #119

Station
16 5-8-16

BEACH

ST.

UTICA ST.



SOUTH

Sketch Drawn By J.D.MEC Checked By R.K. Scale NoneWell in Wall or _____ Depth _____ Elevation of Well 15.91Readings taken over period from 12/2/36 to 4/14/37 and from 4/2/40 tofirst reading taken 12/2/36 Water at depth 5.58Latest reading taken 10/5/40 Water at depth 5.66LONGEST READING OVER PERIOD: 1/10/38 Water at depth 4.33SHORTEST READING OVER PERIOD: 9/25/40 Water at depth 10.83Data Transcribed By C.M. Checked By A.M.

Remarks:

Note: See explanatory notes on
first page of this bookDate of Report 10/5/40Prepared by L.B.



72

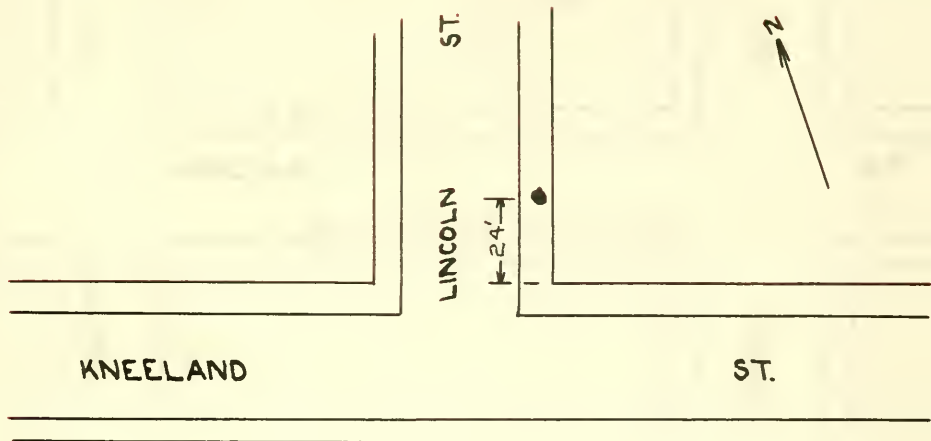
BEACH



The following table shows the results of the measurements taken at the beach on the 72nd day of the experiment. The data is presented in two columns: 'Time' and 'Intensity'. The solid line represents the measurements taken with the standard instrument, and the dashed line represents the measurements taken with the new instrument. The data shows that the new instrument is more accurate than the standard instrument, especially in the region of the sharp rise.

Time	Intensity (Standard)	Intensity (New)
0	0.0	0.0
10	0.1	0.1
20	0.5	0.5
30	1.0	1.0
40	1.5	1.5
50	1.8	1.8
60	1.9	1.9
70	1.8	1.8
80	1.5	1.5
90	1.2	1.2
100	1.0	1.0

Location: E side of Lincoln St. 21' N of Kneeland St. Station No. S-3-16

Sketch drawn by J.D.M.C. Checked by R.K. Scale NoneWell Installed Depth Grade top of well 15.99Readings taken over period from 12/7/36 to 4/4/39 and from 2/16/40 to dateFirst reading taken 12/7/36 Water at grade 6.57Latest reading taken 10/3/40 Water at grade 5.32LOWEST READING OVER ENTIRE PERIOD: 7/1/40 Water at grade 4.16HIGHEST READING OVER ENTIRE PERIOD: 8/25/37 Water at grade 6.99Data transcribed by C.M. Checked by A.M.

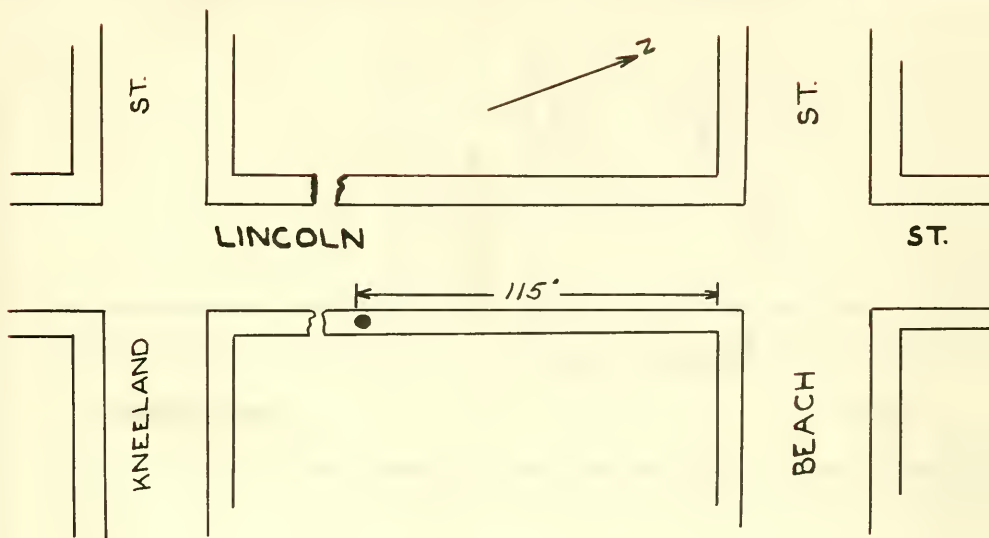
Remarks:

Note: see explanatory notes on first page of this book

Date of report 10/3/40Approved by L.B.



THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
PUBLISHED WEEKLY
CHICAGO, ILL., MAY 1, 1914
Vol. 11, No. 19
Subscription price, \$5.00 per annum in advance.
Single copies, 15 cents.
Entered as second-class matter, May 2, 1912.
Postpaid.
Acceptance for mailing at special rate of postage provided for in Act of October 3, 1917.
Copyright, 1914, by American Medical Association

Location: W side of Lincoln St. 115' S of Beach St. Station No. S-5-170Sketch drawn by J.D.M: C. checked by R.KI Scale NoneWell Installed _____ depth _____ grade top of well 16.00readings taken over period from 12/2/36 to 4/14/39 and from 3/16/40 tofirst reading taken 12/2/36 water at grade 5.83Latest reading taken 10/3/40 water at grade 6.83LOWEST reading over entire period: 11/10/38 water at grade 4.17HIGHEST reading over entire period: 4/23/40 water at grade 9.75Data transcribed by C.M. checked by A.M.

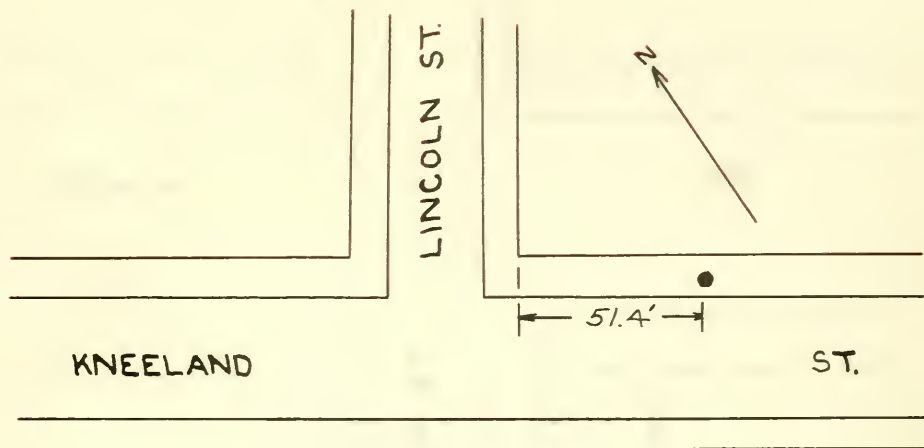
REMARKS:

Note: See explanatory notes on this page of this book

Date of report 10/3/40Approved by L.B.

REPORT ON GROUND WATER LEVEL SIMILAR

Location: N side of Kneeland St. 51'-4" E of Lincoln St. Station No. S-3-171



Sketch drawn by J.D.M.S.C. Checked by R.K. Scale None

Well Installed Depth Grade of Well 16.78

Readings taken over period from 12/2/36 to 1/14/39 and from 3/16/40 have

first reading taken 12/2/36 water at grade 9.11

Lowest reading taken 10/3/40 water at grade 8.45

Lowest Reading over entire period: 7/13/37 water at grade 6.11

Highest Reading over entire period: 3/16/37 water at grade 9.78

Data transcribed by C.M. Checked by A.M.

Remarks:

Note: See explanatory notes on first page of this book

Date of report 10/3/40

Approved by L.B.

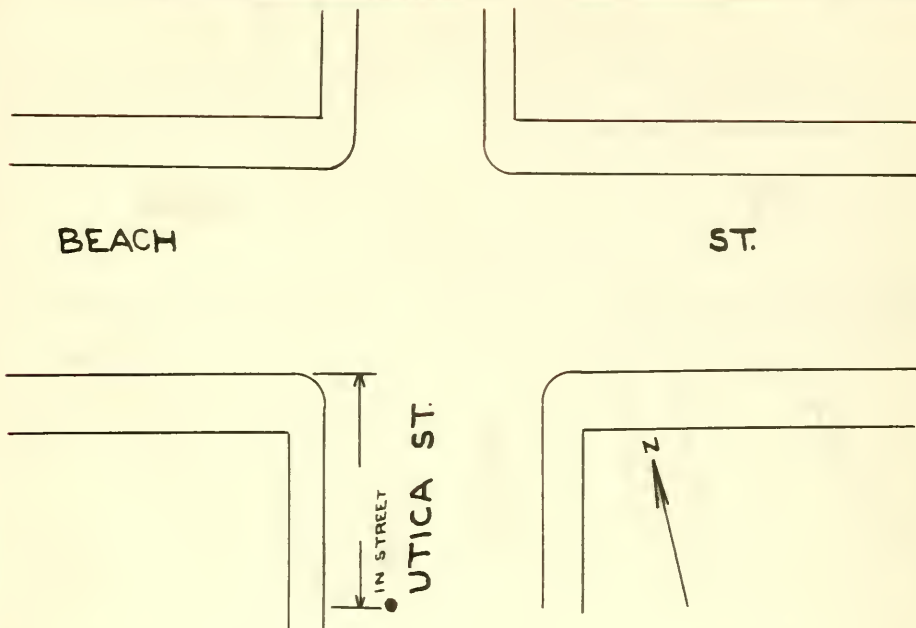


Fig. 1. Plot of $\log k$ versus $1/T$ for the reaction of $\text{C}_2\text{H}_5\text{I}$ with $\text{C}_2\text{H}_5\text{MgBr}$ in benzene at various temperatures.

The reaction of $\text{C}_2\text{H}_5\text{I}$ with $\text{C}_2\text{H}_5\text{MgBr}$ in benzene at various temperatures was studied. The rate of reaction was measured by the disappearance of $\text{C}_2\text{H}_5\text{I}$ and the formation of C_2H_6 . The results are shown in Figure 1. The plot of $\log k$ versus $1/T$ is a straight line, indicating that the reaction follows the Arrhenius equation. The activation energy of the reaction is 4.5×10^4 cal/mole.

Location: In street, W side of Utica St. 78' S of Beach St.

Station No. 3-3-



Sketch Drawn by J.D.McC. Checked by R.K. Scale None

Well Installed Depth Grade top of well 16.18

Readings taken over period from 12/18/36 to 4/14/39 and from 4/3/40 to date

first reading taken 12/18/36 water at grade 4.18

Latest reading taken 10/15/40 water at grade 4.56

LOWEST READING OVER ENTIRE PERIOD: 10/17/38 water at grade 3.48

HIGHEST READING OVER ENTIRE PERIOD: 9/9/40 water at grade 7.93

Data transcribed by C.M. Checked by A.M.

Remarks:

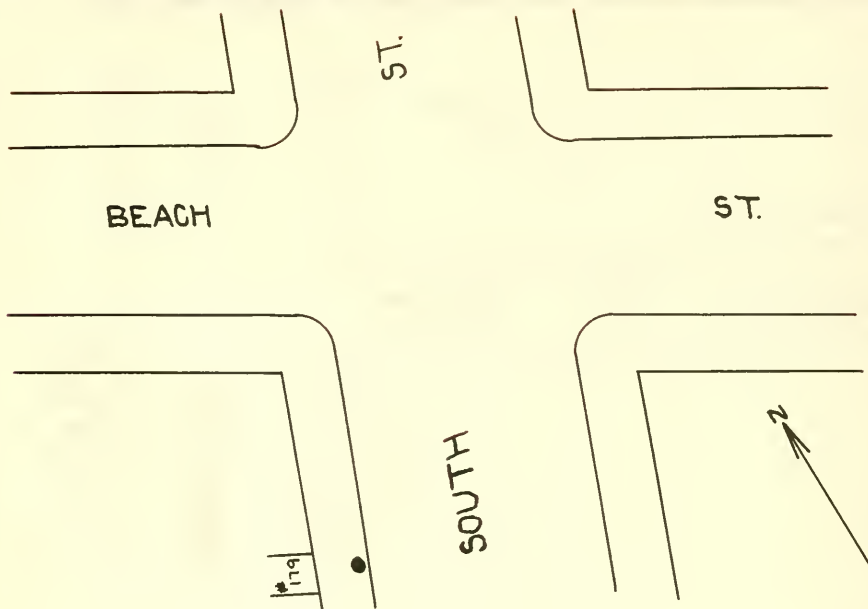
Note: See explanatory notes on first page of this book

Date of reading 10/15/40

Approved By L.B.

REPORT ON GROUND WATER LEVEL SITUATION

Location: W side of South St. in front of #179 South St., near Beach St. Station No. S-3-179



Sketch drawn by J.D.M.C. checked by R.K. Seal None

Well Installed depth Gauge top of well 16.59

Readings taken over period from 12/19/36 to 4/14/39 and from 5/16/40 have

first reading taken 12/19/36 water at gauge 6.88

Latest reading taken 10/15/40 water at gauge 6.34

Highest reading over entire period: 4/18/40 water at gauge 4.84

Lowest reading over entire period: 4/28/38 water at gauge 8.67

Data was collected by C.M. checked by A.M.

Remarks:

Note: See Appendix A for notes on
inside page of this book

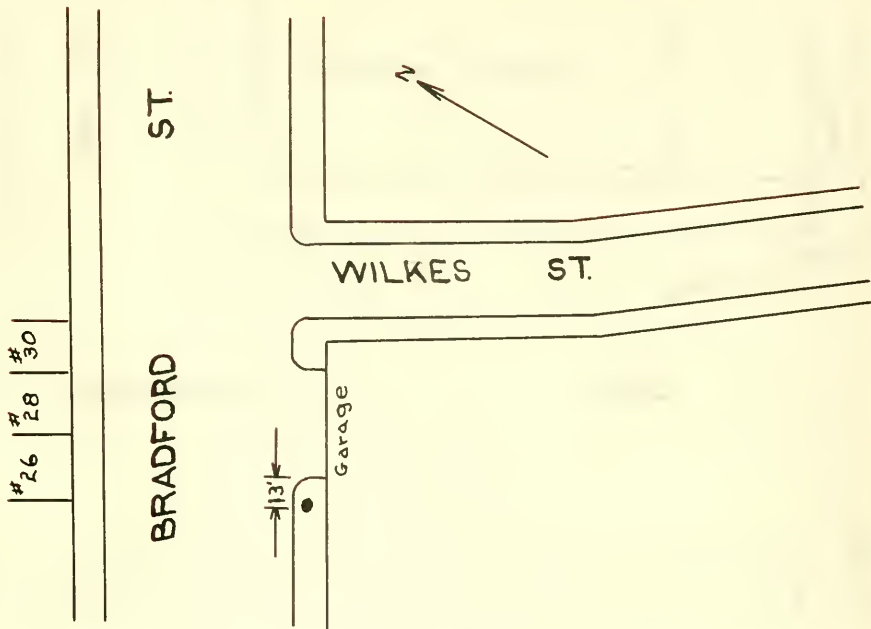
Date of report 10/15/40

Approved by L.B.



Location: S side of Bradford St. opp. #26, in front
of garage near Wilkes St.

Station
No. S-3-170



Sketch drawn by J.D.M.C. checked by R.K. scale None

Well Installed Depth Grade top of well 13.20

Readings taken over period from 12/1/36 to 4/14/39 and from 3/28/40 water

first reading taken 12/1/36 water at stage 5.80

Latest reading taken 10/7/40 water at stage 5.05

LOWEST reading over entire period: 5/30/37 water at stage 3.88

HIGHEST reading over entire period: 6/13/40 water at stage 6.09

Data transcribed by A.M. checked by A.M.

Remarks:

Note: See explanatory notes on
first page of this book

Date of report 10/7/40

Approved by L.B.

Location: E side of Shawmut Ave. in front of German Church on corner of Cobb St.

Station
No. S-5-151

COBB ST.

GERMAN CHURCH

ALLEY

8'

SHAWMUT

AVE.

Sketch drawn by J. D. M. S. C. checked by R. K. State None

Well Installed _____ Depth _____ Grade top of well 19.34

readings taken over period from 11/30/36 to 4/14/37 and from 4/1/40 to date

first reading taken 11/30/36 water at grade 7.59

latest reading taken 10/7/40 water at grade PLUGGED

lowest reading over entire period: 11/30/37 water at grade 6.34

highest reading over entire period: 10/6/38 water at grade 9.14

Data transcribed by C. M. checked by A. M.

Remarks:

Note: see explanatory notes on
first page of this book

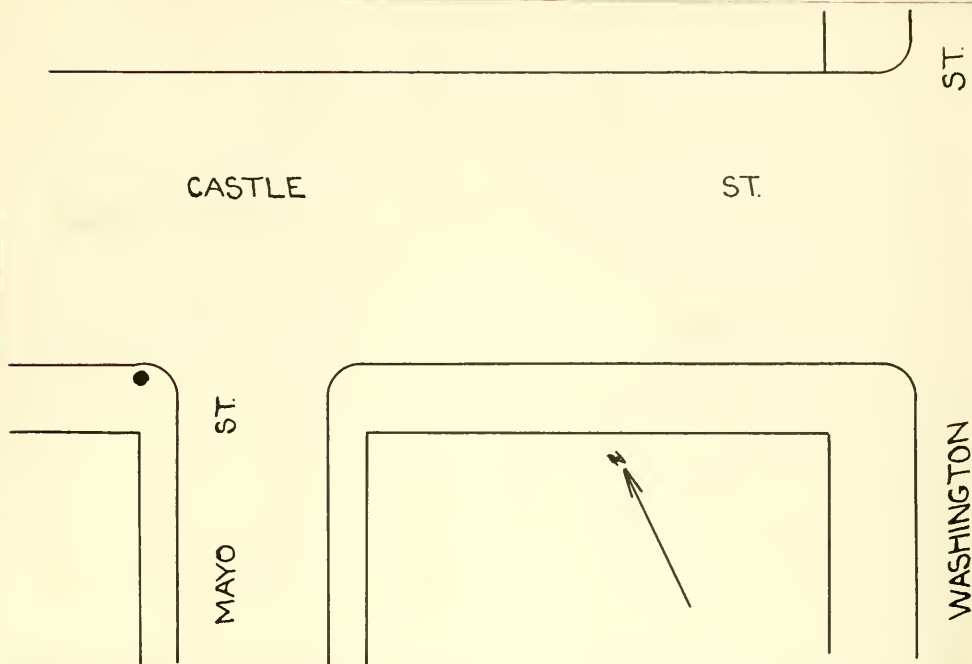
Date of report 10/7/40

Approved by L. B.

REPORT ON GROUND WATER LEVEL STATION

Location: S.W. corner of Castle and Mayo Streets

Station
No. S-3-172



Sketch Drawn By J.D.MEC. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 21.58

Readings taken over period from 12/9/36 to 4/14/38 and from 5/1/40 to date

First reading taken 12/7/36 Water at Grade 2.83

Latest reading taken 10/7/40 Water at Grade 9.08

LOWEST READING OVER ENTIRE PERIOD: 11/30/37 Water at Grade 6.92

HIGHEST READING OVER ENTIRE PERIOD: 2/1/40 Water at Grade 11.58

Data Transcribed By C.M. Checked By A.M.

Remarks:

Note: See explanatory notes on first page of this Book

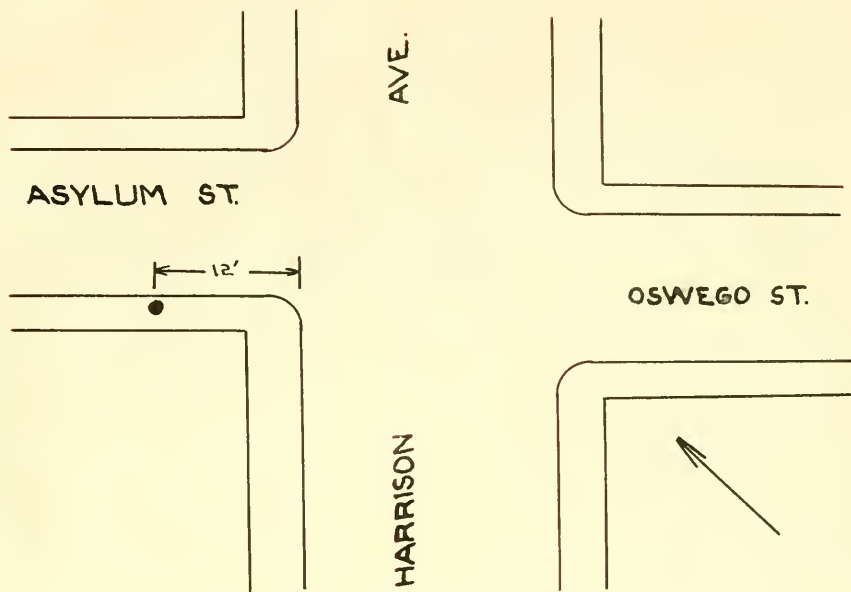
Date of Report 10/7/40

Approved By L.B.



REPORT ON GROUND WATER LEVEL STATION

Location: W side of Asylum St. 12' N of Harrison Ave. Station No. S-3-197



Sketch Drawn By J.D.M.C. Checked By R.K. Scale None

Well Installed _____ Depth _____ Grade Top of Well 16.47

Readings taken over period from 2/23/37 to 4/17/38 and from 3/16/40 to date

First reading taken 2/23/37 Water at Grade 7.68

Latest reading taken 10/7/40 Water at Grade 7.89

LOWEST READING OVER ENTIRE PERIOD: 1/14/38 Water at Grade 6.64

HIGHEST READING OVER ENTIRE PERIOD: 2/23/38 Water at Grade 11.30

Data Transcribed By A.M. Checked By A.M.

Remarks:

Note: See explanatory notes on first page of this Book

Date of Report 10/7/40

Approved By L.B.



The building is situated on the corner of the street and the river. The entrance is on the street side. The building is divided into four rooms. The top-left room is for the church. The top-right room is for the museum. The bottom-left room is for the school. The bottom-right room is for the museum. The central vertical corridor connects the rooms.

The building is situated on the corner of the street and the river. The entrance is on the street side. The building is divided into four rooms. The top-left room is for the church. The top-right room is for the museum. The bottom-left room is for the school. The bottom-right room is for the museum. The central vertical corridor connects the rooms.



BOSTON PUBLIC LIBRARY



3 9999 06440 173 8

